

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
 Data File : BF115228.D
 Acq On : 27 Jun 2019 11:06
 Operator : HP/JU
 Sample : PB120942BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BS

Manual Integrations
 APPROVED

mohammad
 6/28/2019 2:58:08 PM

Quant Time: Jun 27 11:49:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 11:43:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	267365	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	1076808	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	517849	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	993462	20.00	ng	0.00
76) Chrysene-d12	13.72	240	767100	20.00	ng	0.00
87) Perylene-d12	15.09	264	711814	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1201903	69.37	ng	0.01
7) Phenol-d6	6.24	99	1470576	69.93	ng	0.00
23) Nitrobenzene-d5	7.16	82	1250182	71.42	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	430943	78.91	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2361954	77.48	ng	0.00
79) Terphenyl-d14	12.68	244	2478181	68.69	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.24	88	283398	34.659	ng	99
3) Pyridine	2.88	79	701251	30.428	ng	99
4) n-Nitrosodimethylamine	2.83	42	289791	32.075	ng	98
6) Aniline	6.25	93	612041	21.177	ng	# 6
8) 2-Chlorophenol	6.38	128	743094	38.143	ng	99
9) Benzaldehyde	6.14	77	5723	0.417	ng	96
10) Phenol	6.25	94	849299	34.478	ng	92
11) bis(2-Chloroethyl)ether	6.34	93	685979	37.779	ng	96
12) 1,3-Dichlorobenzene	6.54	146	788753	36.481	ng	99
13) 1,4-Dichlorobenzene	6.61	146	808429	37.287	ng	97
14) 1,2-Dichlorobenzene	6.77	146	759792	37.842	ng	99
15) Benzyl Alcohol	6.75	79	553984	36.178	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	961702	36.517	ng	99
17) 2-Methylphenol	6.87	107	615764	38.292	ng	99
18) Hexachloroethane	7.11	117	289859	37.083	ng	96
19) n-Nitroso-di-n-propylamine	7.02	70	472360	35.085	ng	100
20) 3+4-Methylphenols	7.02	107	707477	38.102	ng	97
22) Acetophenone	7.01	105	985197	39.965	ng	97
24) Nitrobenzene	7.18	77	748297	38.803	ng	94
25) Isophorone	7.42	82	1371160	38.237	ng	100
26) 2-Nitrophenol	7.50	139	417485	43.837	ng	# 89
27) 2,4-Dimethylphenol	7.55	122	677865	43.473	ng	100
28) bis(2-Chloroethoxy)methane	7.64	93	858305	37.870	ng	100
29) 2,4-Dichlorophenol	7.74	162	637815	39.636	ng	99
30) 1,2,4-Trichlorobenzene	7.82	180	704156	39.616	ng	99
31) Naphthalene	7.90	128	2092895	39.595	ng	100
32) Benzoic acid	7.68	122	549051	49.329	ng	98
33) 4-Chloroaniline	7.95	127	551067	22.812	ng	97
34) Hexachlorobutadiene	8.03	225	385569	39.584	ng	99
35) Caprolactam	8.32	113	195755m	36.183	ng	
36) 4-Chloro-3-methylphenol	8.44	107	637011	39.089	ng	99
37) 2-Methylnaphthalene	8.60	142	1431291	40.160	ng	99
38) 1-Methylnaphthalene	8.69	142	1366929	40.159	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	609321	41.639	ng	99

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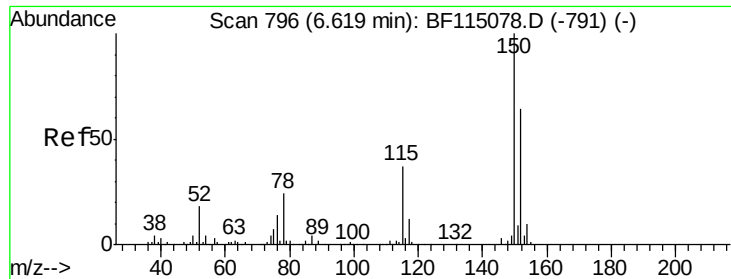
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	645865	74.433	nq	99
43) 2,4,6-Trichlorophenol	8.87	196	471359	41.722	nq	97
44) 2,4,5-Trichlorophenol	8.92	196	486112	41.782	nq	97
46) 1,1'-Biphenyl	9.06	154	1667248	40.237	nq	99
47) 2-Chloronaphthalene	9.08	162	1331407	39.613	nq	98
48) 2-Nitroaniline	9.17	65	378632	38.641	nq	98
49) Acenaphthylene	9.49	152	2041495	38.985	nq	99
50) Dimethylphthalate	9.37	163	1519291	39.877	nq	99
51) 2,6-Dinitrotoluene	9.42	165	363182	41.290	nq #	86
52) Acenaphthene	9.66	154	1262278	38.522	nq	99
53) 3-Nitroaniline	9.58	138	278716	25.966	nq	97
54) 2,4-Dinitrophenol	9.69	184	428143	93.254	nq	97
55) Dibenzofuran	9.83	168	1821547	38.731	nq	99
56) 4-Nitrophenol	9.75	139	656091	76.242	nq	99
57) 2,4-Dinitrotoluene	9.82	165	468956	41.291	nq	96
58) Fluorene	10.17	166	1267459	39.701	nq	100
59) 2,3,4,6-Tetrachlorophenol	9.95	232	423370	43.397	nq	100
60) Diethylphthalate	10.06	149	1500342	39.176	nq	98
61) 4-Chlorophenyl-phenylether	10.17	204	630267	41.884	nq	98
62) 4-Nitroaniline	10.19	138	373006	34.639	nq	94
63) Azobenzene	10.33	77	1360878	38.044	nq	96
65) 4,6-Dinitro-2-methylphenol	10.22	198	248696	47.146	nq	93
66) n-Nitrosodiphenylamine	10.29	169	1248153	40.327	nq	100
67) 4-Bromophenyl-phenylether	10.65	248	437160	40.586	nq	98
68) Hexachlorobenzene	10.72	284	480539	41.102	nq	98
69) Atrazine	10.82	200	336665	33.814	nq	98
70) Pentachlorophenol	10.91	266	582463	78.201	nq	99
71) Phenanthrene	11.12	178	2012620	37.626	nq	100
72) Anthracene	11.18	178	2062164	38.193	nq	100
73) Carbazole	11.33	167	1870252	38.790	nq	99
74) Di-n-butylphthalate	11.68	149	2237088	40.153	nq	100
75) Fluoranthene	12.30	202	2065759	38.707	nq	99
77) Benzidine	12.42	184	480743	14.114	nq	98
78) Pyrene	12.52	202	2082365	35.323	nq	99
80) Butylbenzylphthalate	13.16	149	990960	38.090	nq	100
81) Benzo(a)anthracene	13.71	228	1889496	34.328	nq	99
82) 3,3'-Dichlorobenzidine	13.68	252	613000	30.840	nq	98
83) Chrysene	13.75	228	1794657	35.594	nq	100
84) Bis(2-ethylhexyl)phthalate	13.73	149	1299745	38.128	nq	99
85) Di-n-octyl phthalate	14.34	149	2218030	38.725	nq	100
86) Indeno(1,2,3-cd)pyrene	16.36	276	2247683	37.674	nq	99
88) Benzo(b)fluoranthene	14.72	252	2167914	48.810	nq	99
89) Benzo(k)fluoranthene	14.75	252	1667110	41.855	nq	100
90) Benzo(a)pyrene	15.04	252	1877156	46.891	nq	99
91) Dibenzo(a,h)anthracene	16.38	278	1858096	49.718	nq	99
92) Benzo(g,h,i)perylene	16.74	276	1920478	50.772	nq	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

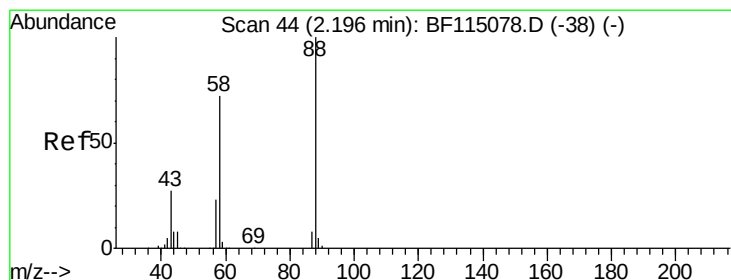
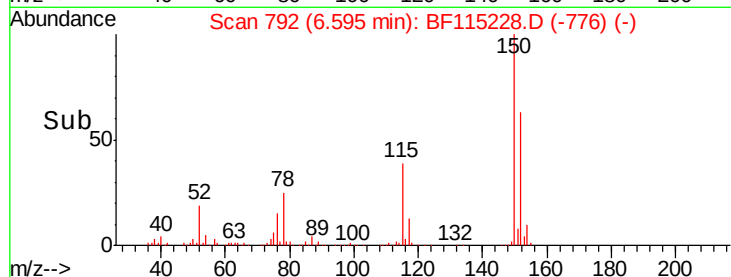
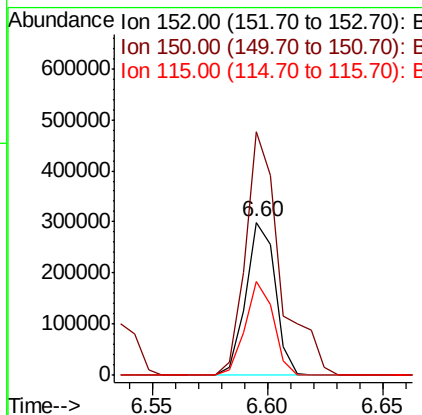
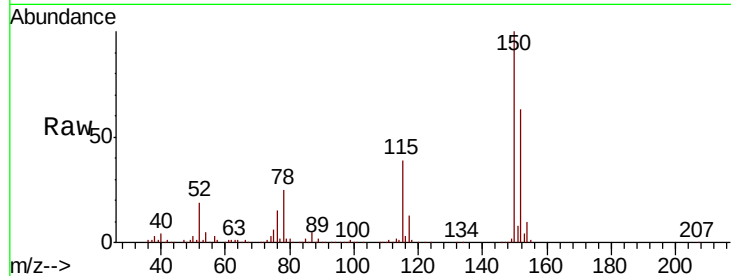
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120942BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.0	186.0
115	61.6	45.3	67.9

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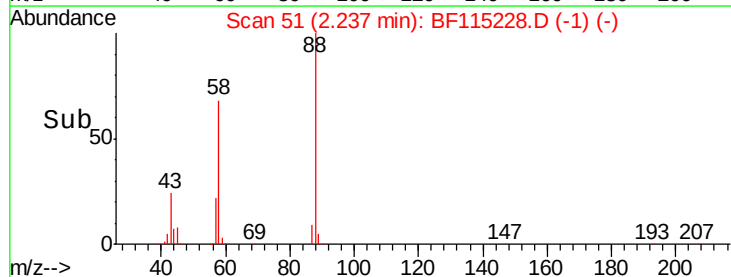
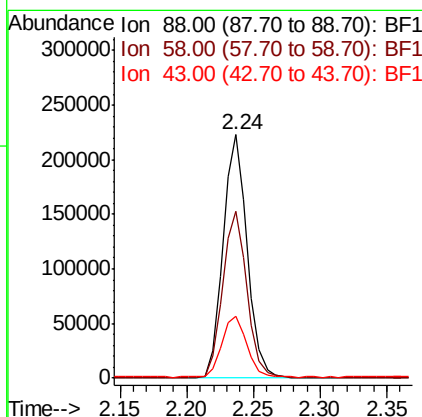
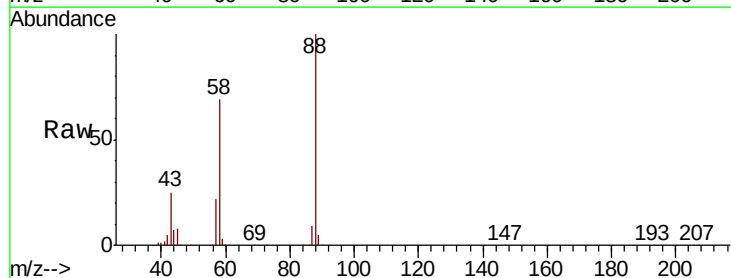
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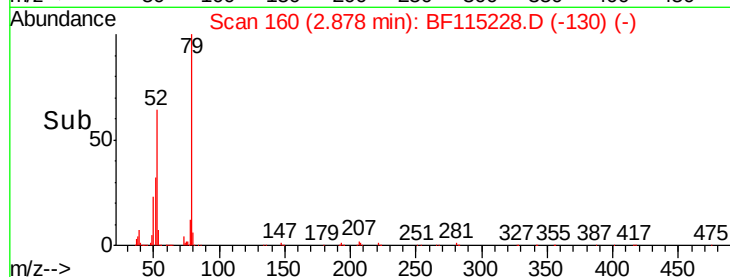
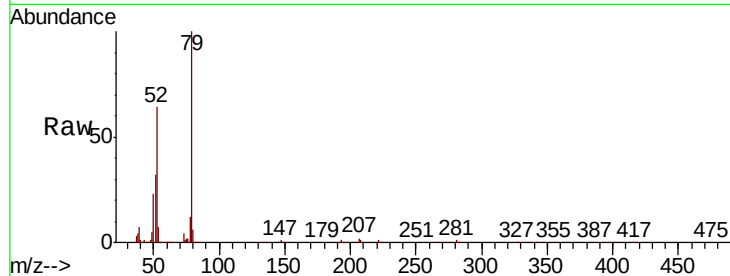
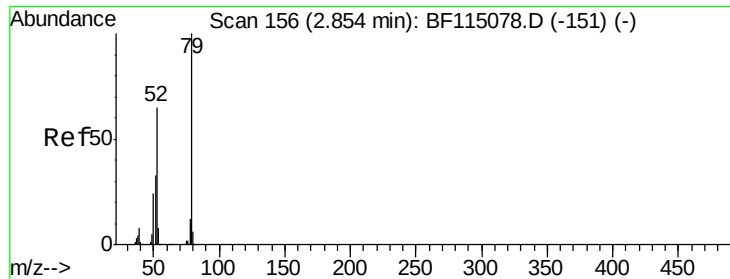


#2

1,4-Dioxane
Concen: 34.659 ng
RT: 2.24 min Scan# 51
Delta R.T. 0.08 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	54.6	82.0
43	26.0	20.6	30.8





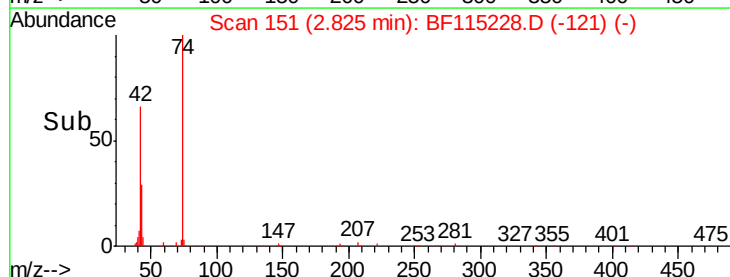
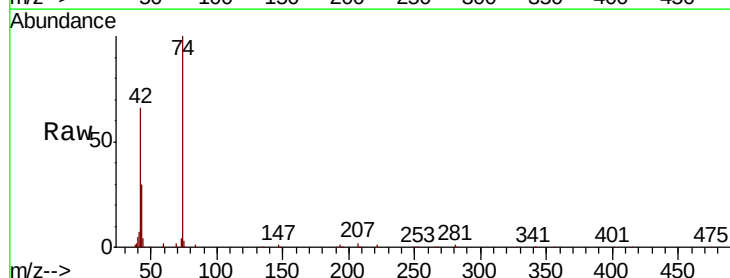
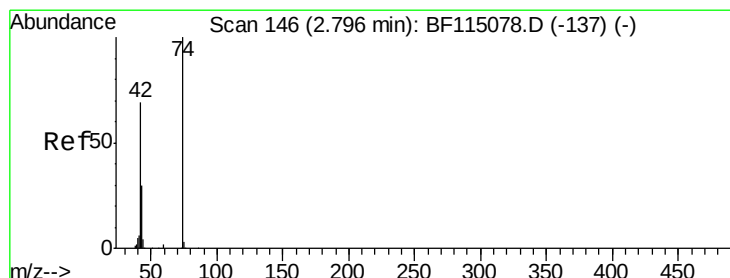
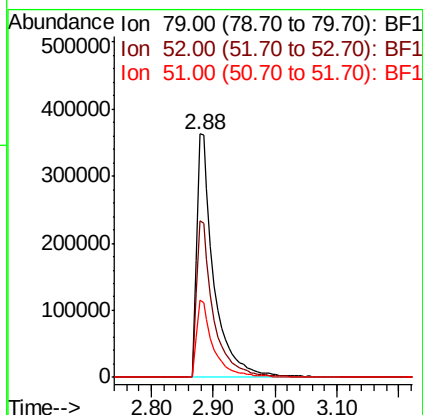
#3
Pvridine
Concen: 30.428 ng
RT: 2.88 min Scan# 160
Delta R.T. 0.08 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.4	50.9	76.3
51	31.6	25.1	37.7

Instrument :
BNA_F
ClientSampleId :
PB120942BS

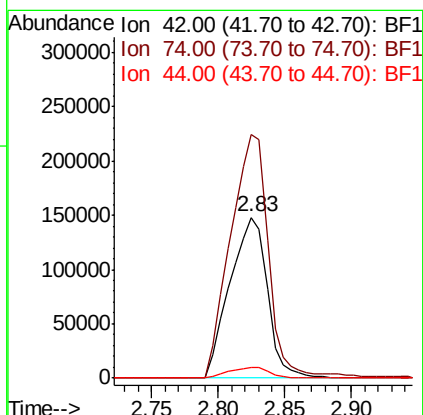
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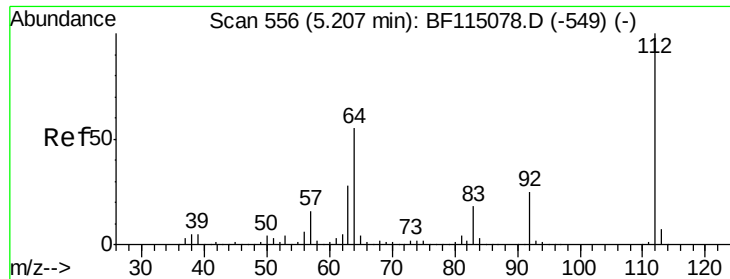
mohammad
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#4
n-Nitrosodimethylamine
Concen: 32.075 ng
RT: 2.83 min Scan# 151
Delta R.T. 0.08 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	151.3	122.6	184.0
44	6.8	5.7	8.5





#5

2-Fluorophenol

Concen: 69.371 ng

RT: 5.20 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120942BS

Tot Ion:112 Resp: 1201903

Ion Ratio Lower Upper

112 100

64 53.8 43.0 64.6

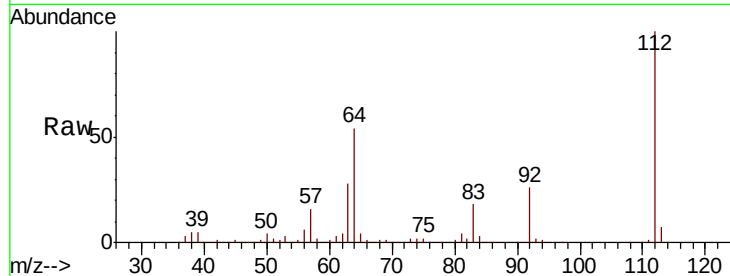
63 27.8 21.7 32.5

Manual Integrations

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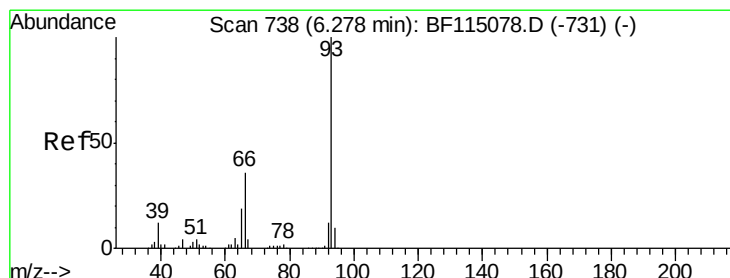
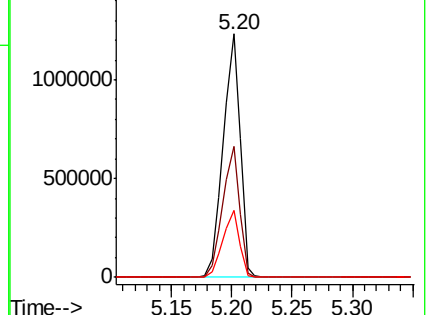
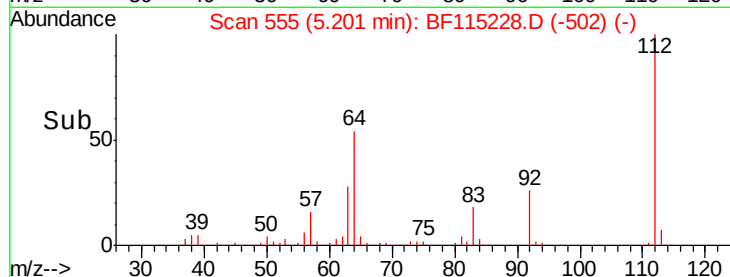
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.177 ng

RT: 6.25 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

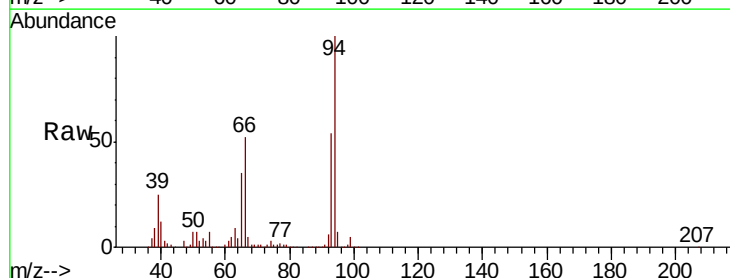
Tgt Ion: 93 Resp: 612041

Ion Ratio Lower Upper

93 100

66 96.7 31.7 47.5#

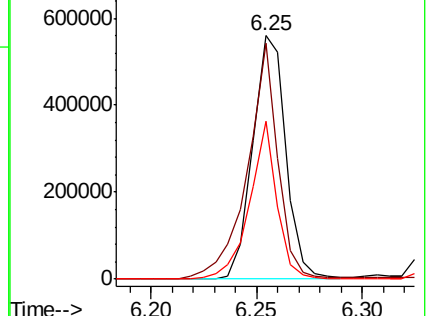
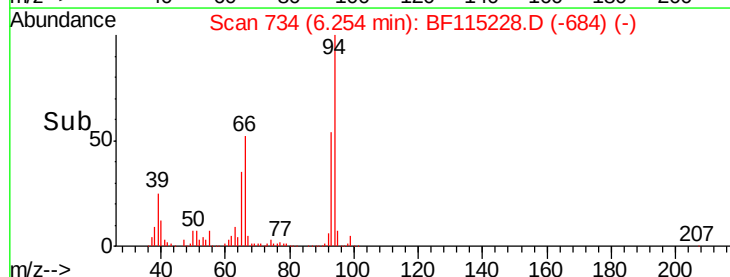
65 64.8 16.5 24.7#

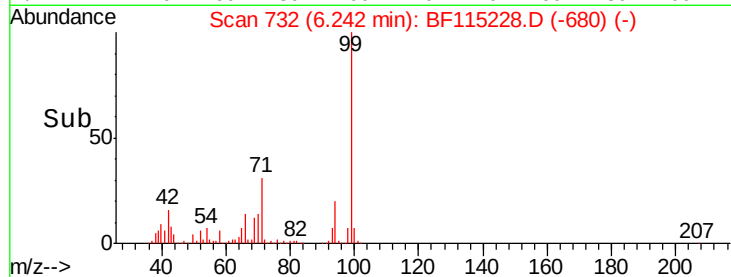
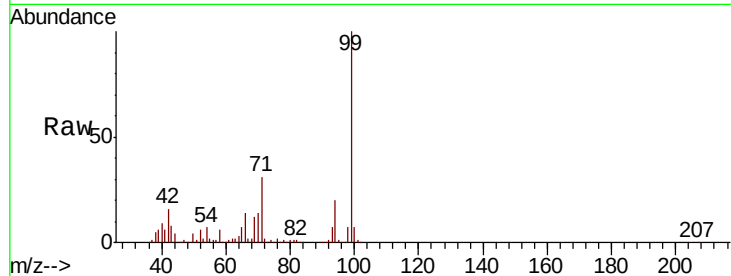
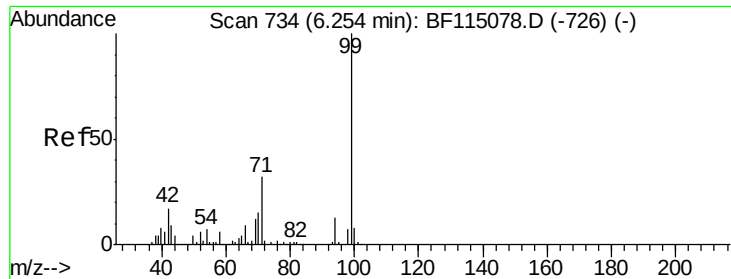


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 69.930 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

Tot Ion: 99 Resp: 1470576

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

71 31.4 24.9 37.3

Instrument :

BNA_F

ClientSampleId :

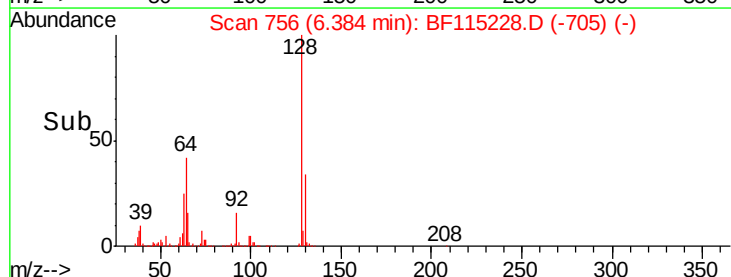
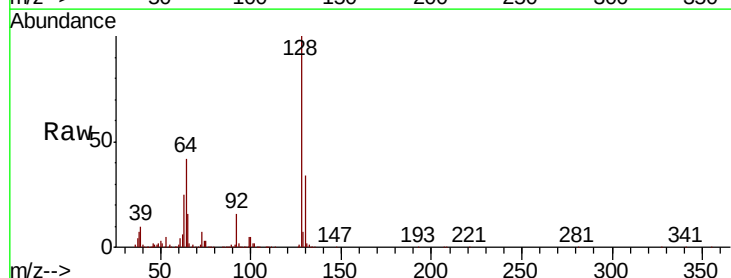
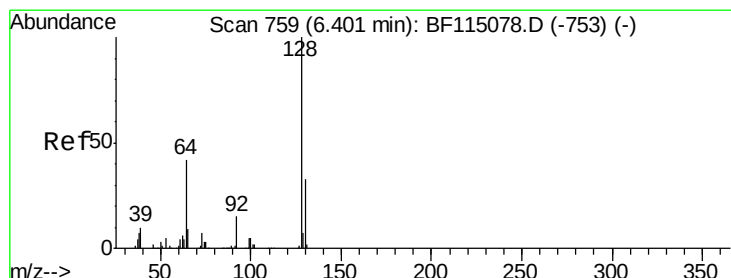
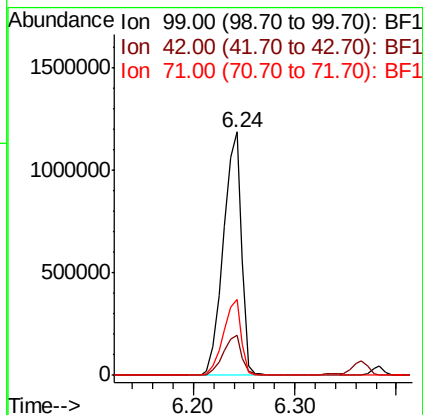
PB120942BS

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#8

2-Chlorophenol

Concen: 38.143 ng

RT: 6.38 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

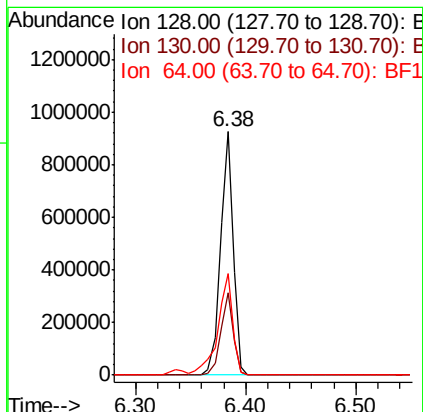
Tgt Ion:128 Resp: 743094

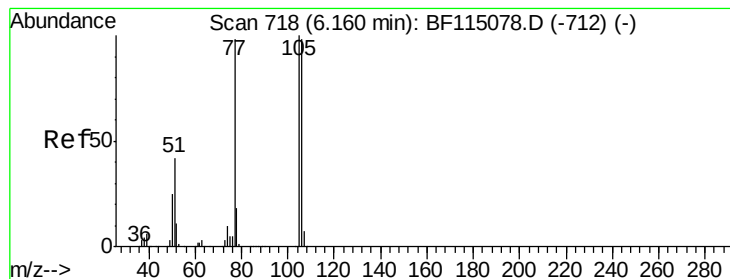
Ion Ratio Lower Upper

128 100

130 33.6 12.9 52.9

64 41.5 21.3 61.3





#9

Benzaldehyde

Concen: 0.417 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

Instrument :

BNA_F

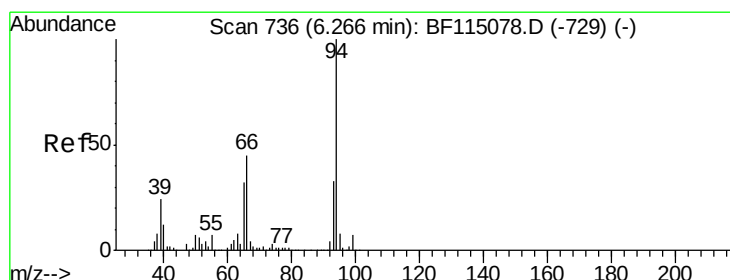
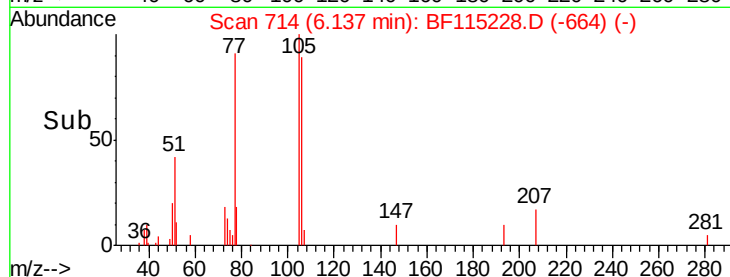
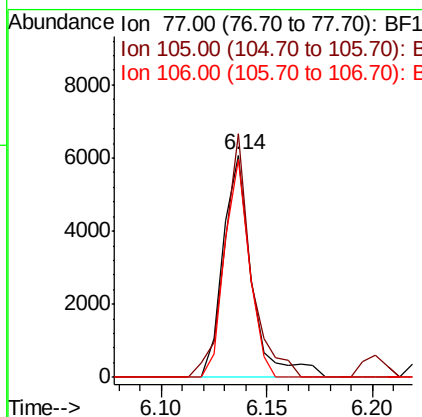
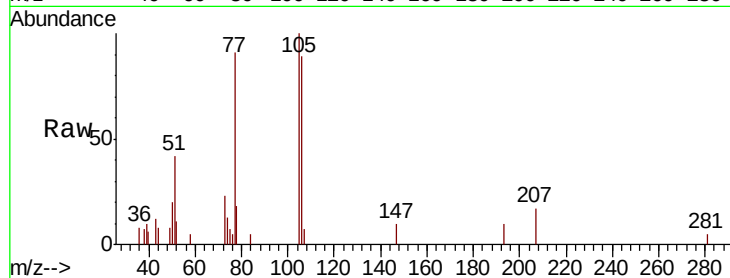
ClientSampleId :

PB120942BS

Tot Ion:	77	Resp:	5723
Ion	Ratio	Lower	Upper
77	100		
105	109.5	86.0	126.0
106	97.8	82.2	122.2

Manual Integrations
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#10

Phenol

Concen: 34.478 ng

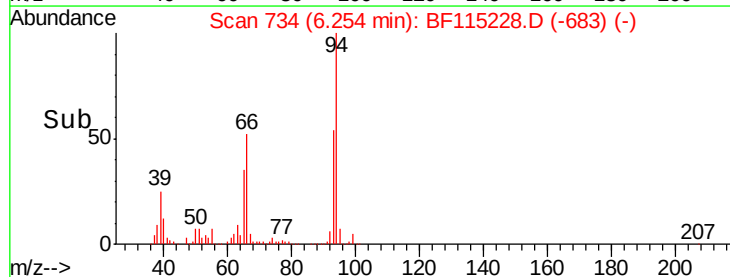
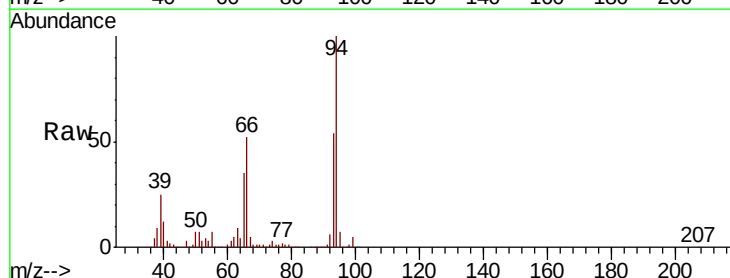
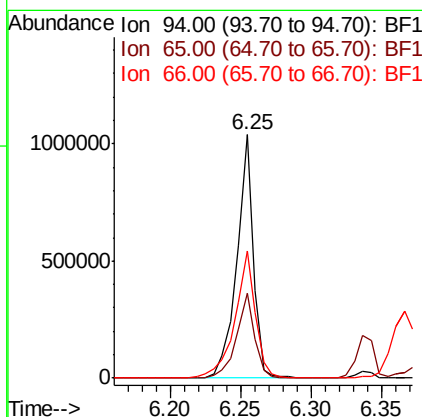
RT: 6.25 min Scan# 734

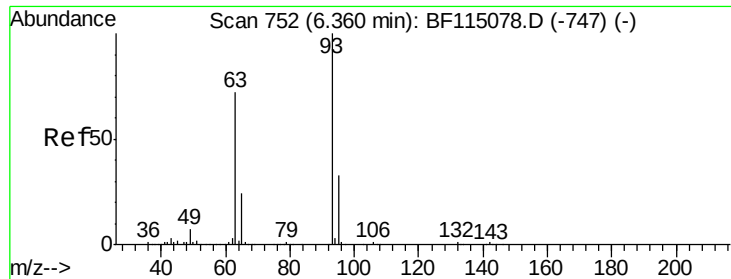
Delta R.T. 0.00 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

Tgt Ion:	94	Resp:	849299
Ion	Ratio	Lower	Upper
94	100		
65	34.9	18.4	58.4
66	52.1	39.6	79.6





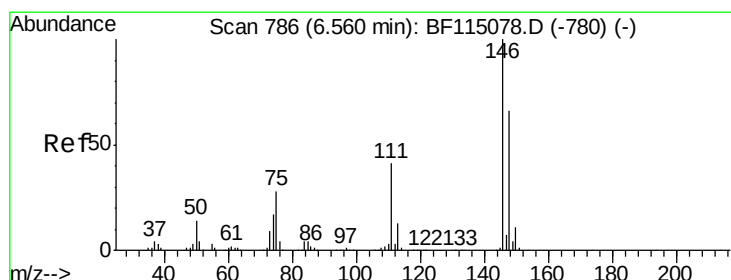
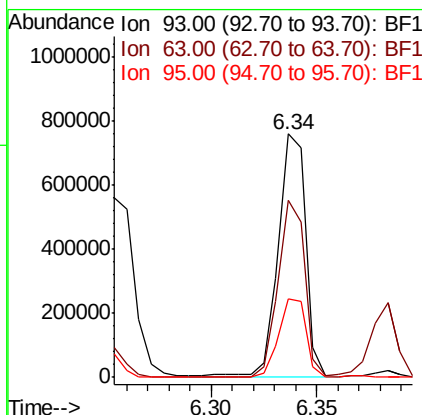
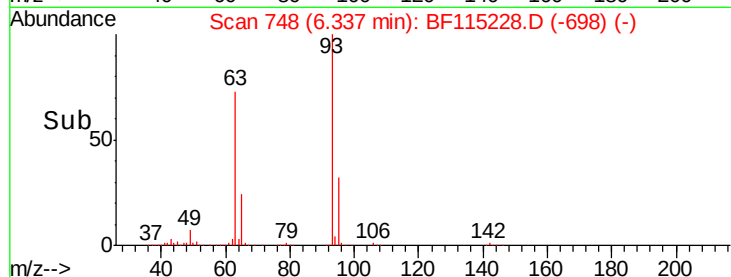
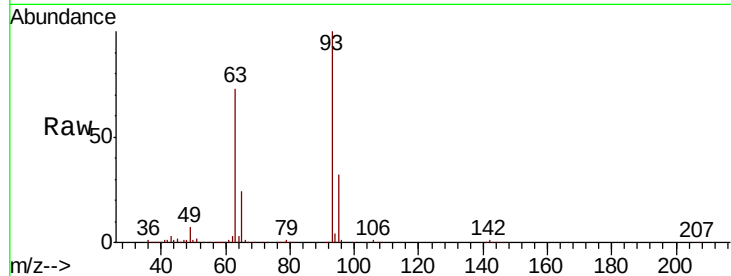
#11
bis(2-Chloroethyl)ether
Concen: 37.779 ng
RT: 6.34 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Instrument :
BNA_F
ClientSampled :
PB120942BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.9	48.1	88.1
95	32.4	12.8	52.8

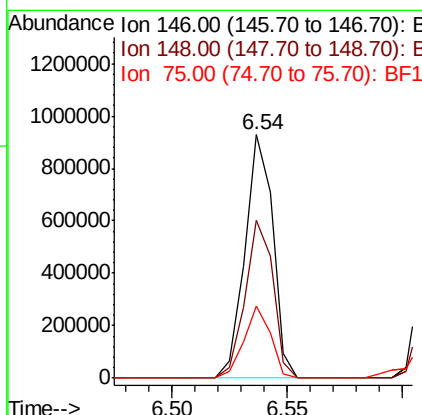
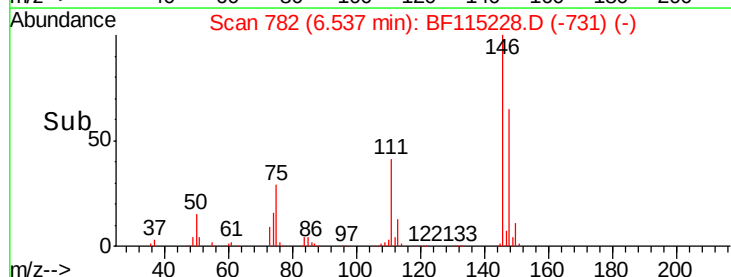
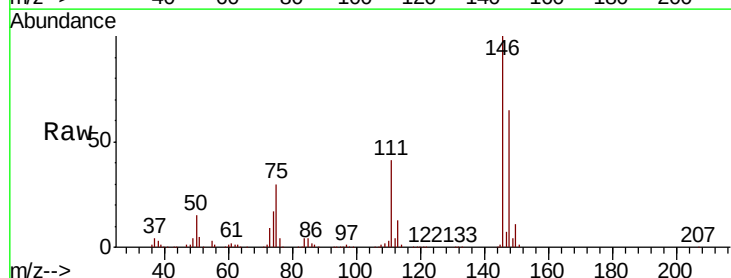
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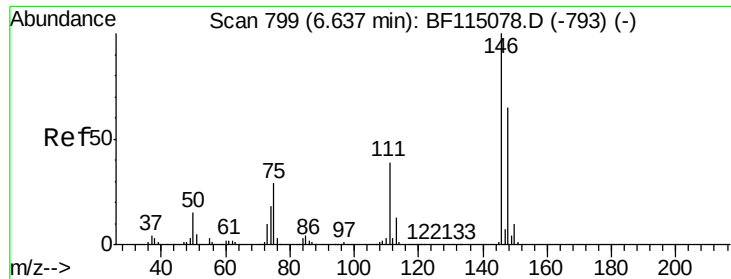
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#12
1,3-Dichlorobenzene
Concen: 36.481 ng
RT: 6.54 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.0	76.4
75	29.7	23.7	35.5





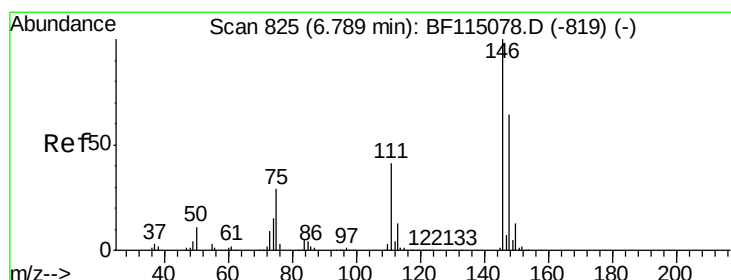
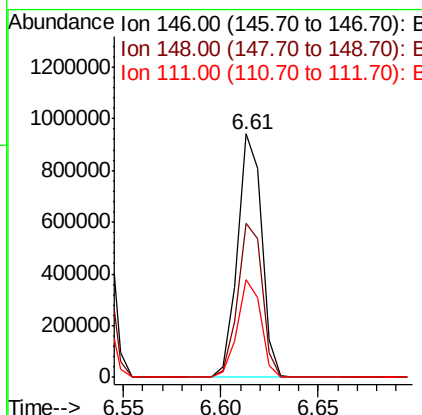
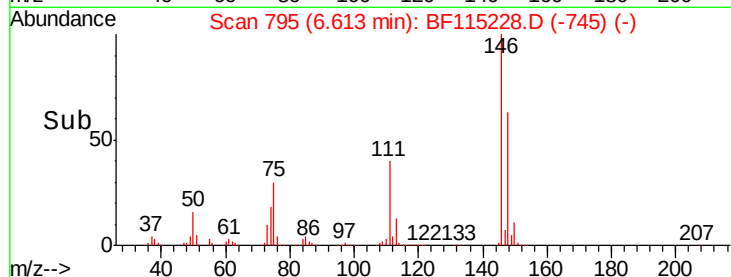
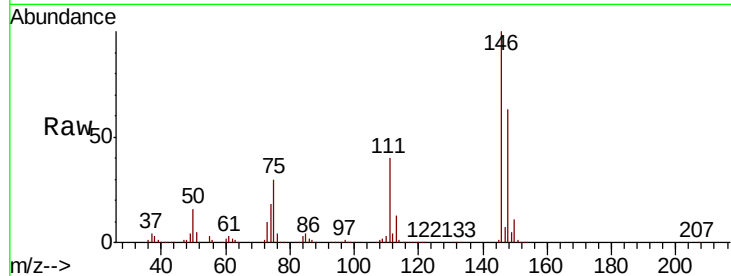
#13
 1,4-Dichlorobenzene
 Concen: 37.287 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115228.D
 Acq: 27 Jun 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.1	78.1
111	40.1	30.4	45.6

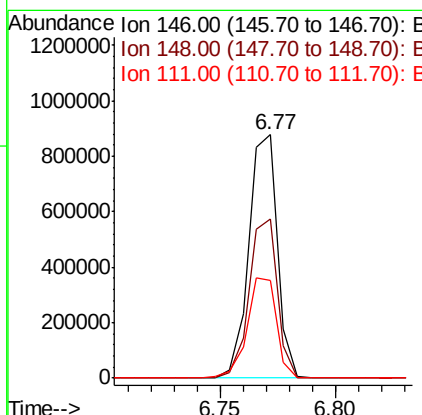
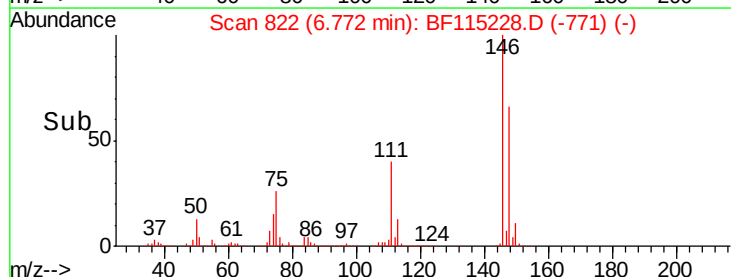
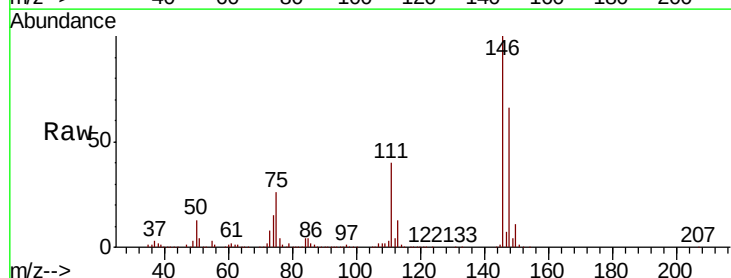
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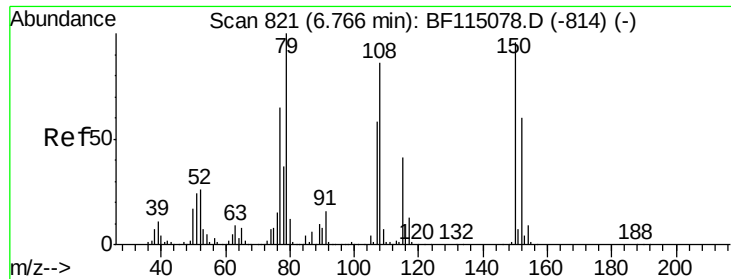
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#14
 1,2-Dichlorobenzene
 Concen: 37.842 ng
 RT: 6.77 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF115228.D
 Acq: 27 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.8	77.6
111	39.9	32.6	49.0





#15

Benzyl Alcohol

Concen: 36.178 ng

RT: 6.75 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

Instrument :

BNA_F

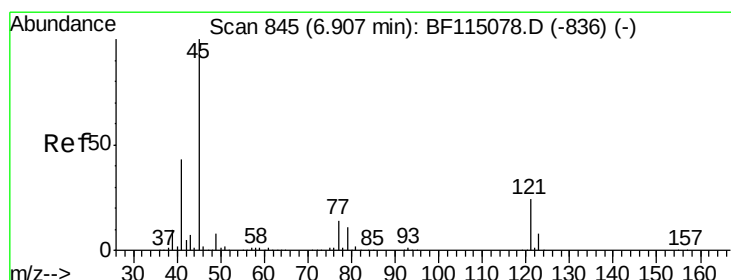
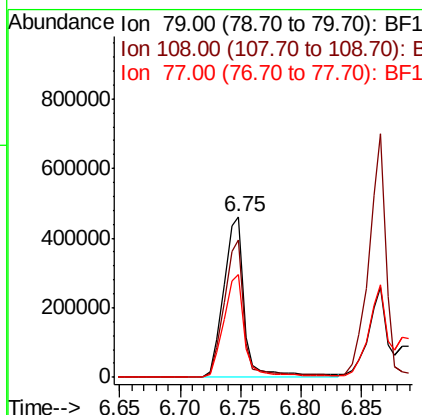
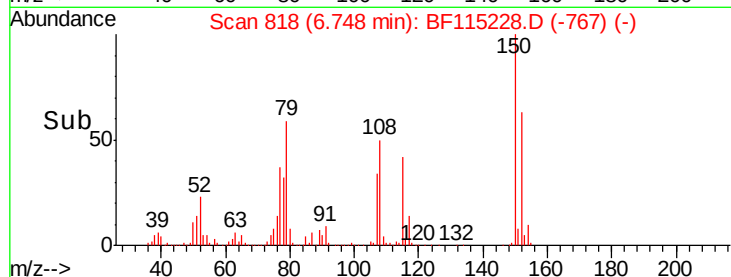
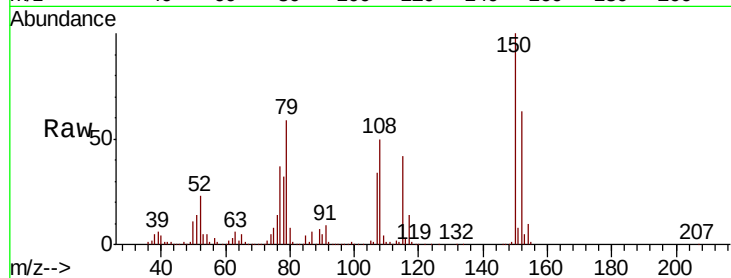
ClientSampleId :

PB120942BS

Tot Ion:	79	Resp:	553984
Ion Ratio	Lower	Upper	
79	100		
108	85.7	67.0	100.4
77	63.8	50.5	75.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.517 ng

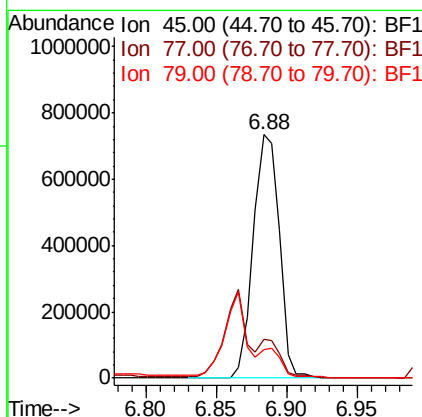
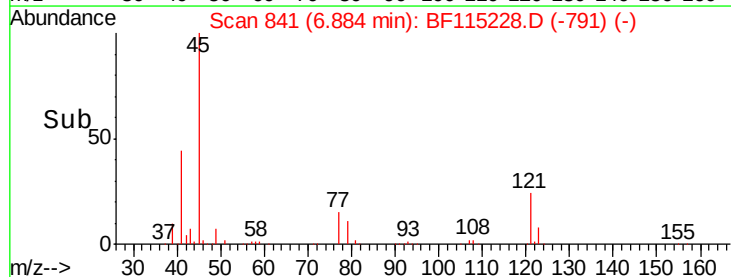
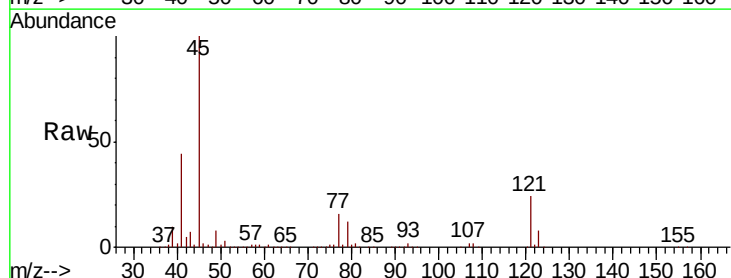
RT: 6.88 min Scan# 841

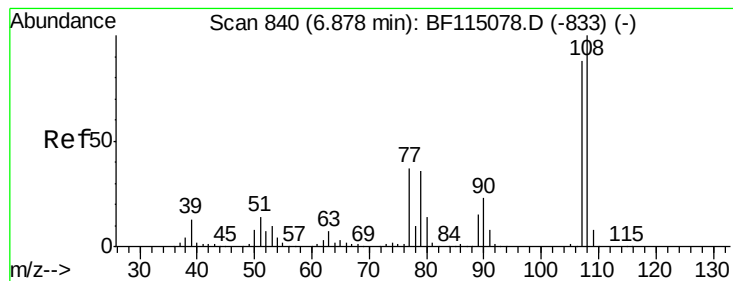
Delta R.T. -0.01 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

Tgt Ion:	45	Resp:	961702
Ion Ratio	Lower	Upper	
45	100		
77	15.7	0.0	35.2
79	12.0	0.0	32.2





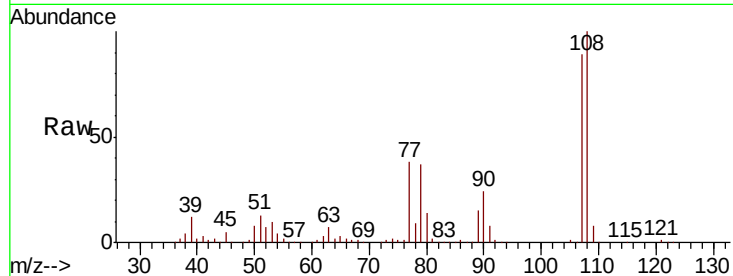
#17
2-Methylphenol
Concen: 38.292 ng
RT: 6.87 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120942BS

Tot Ion:	107	Resp:	615764
Ion Ratio	Lower	Upper	
107	100		
108	112.1	91.8	137.6
77	42.8	34.2	51.4
79	41.7	33.4	50.2

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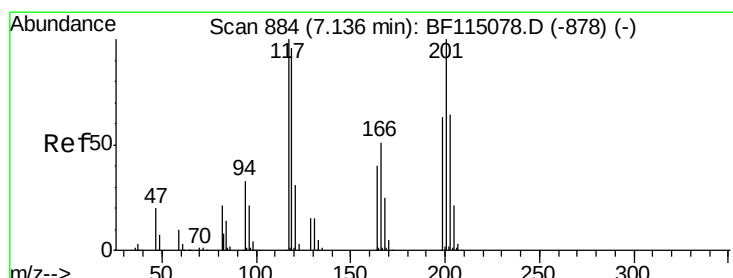
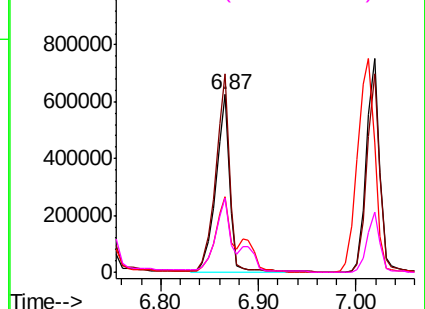
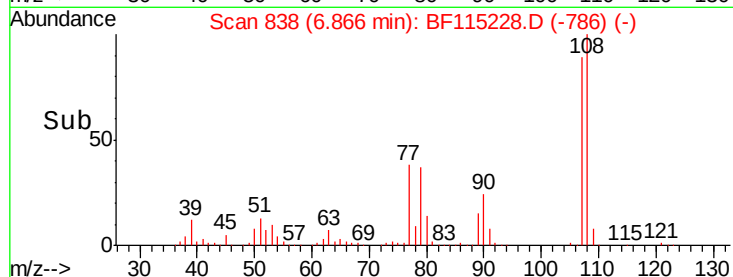
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

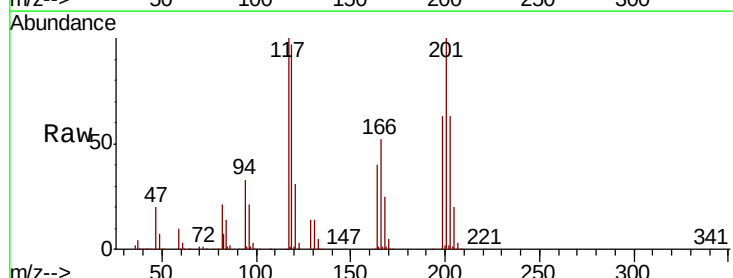
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.083 ng
RT: 7.11 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Tgt Ion:	117	Resp:	289859
Ion Ratio	Lower	Upper	
117	100		
119	96.6	77.0	115.4
201	100.0	74.7	112.1

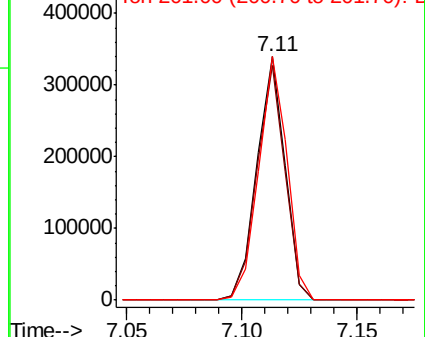
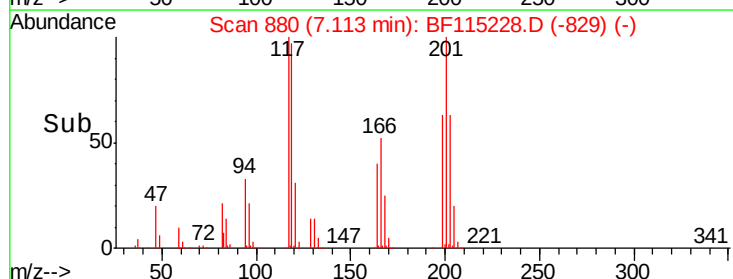


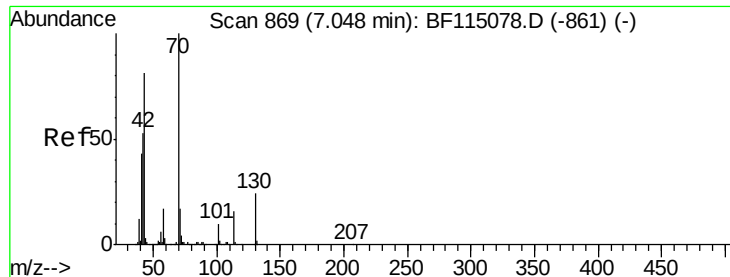
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.085 ng

RT: 7.02 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

Instrument :

BNA_F

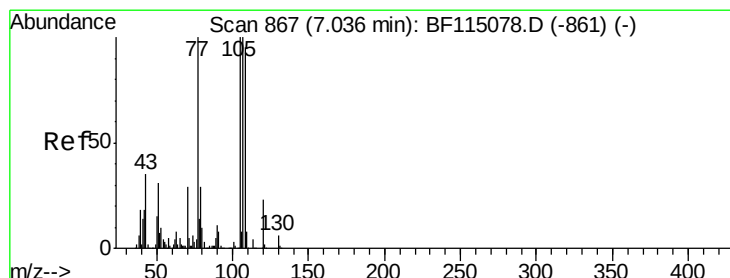
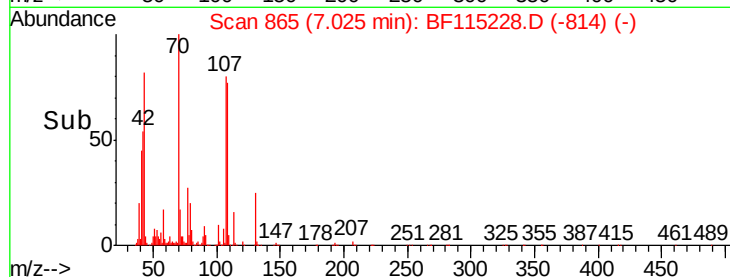
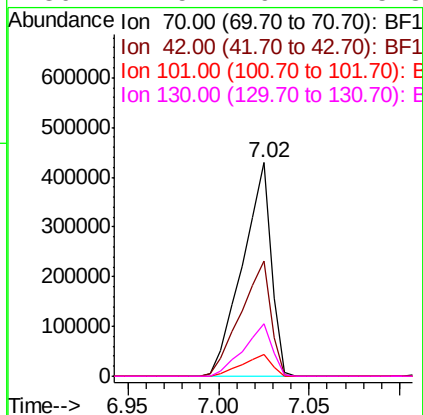
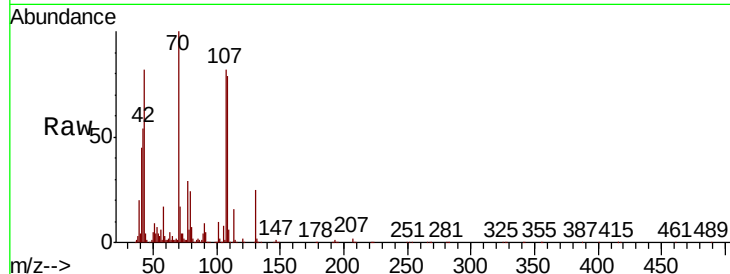
ClientSampleId :

PB120942BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		472360		
42	53.8	43.0	64.4		
101	10.2	8.2	12.2		
130	24.5	19.2	28.8		

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#20

3+4-Methylphenols

Concen: 38.102 ng

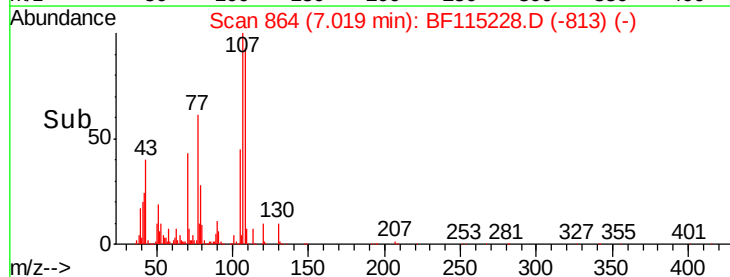
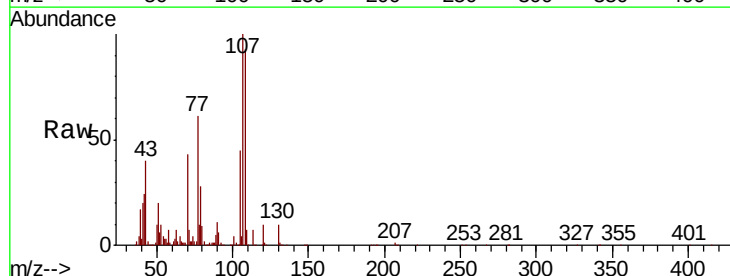
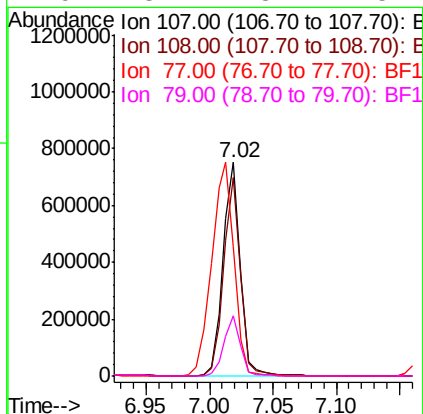
RT: 7.02 min Scan# 864

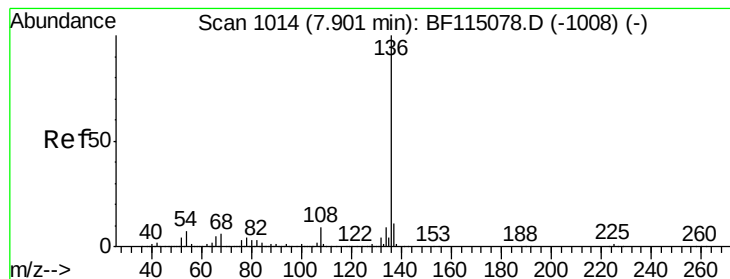
Delta R.T. 0.00 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		707477		
108	92.7	72.5	112.5		
77	60.7	47.9	87.9		
79	28.2	8.2	48.2		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120942BS

Tot Ion:136 Resp: 1076808

Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 7.2 5.0 7.4

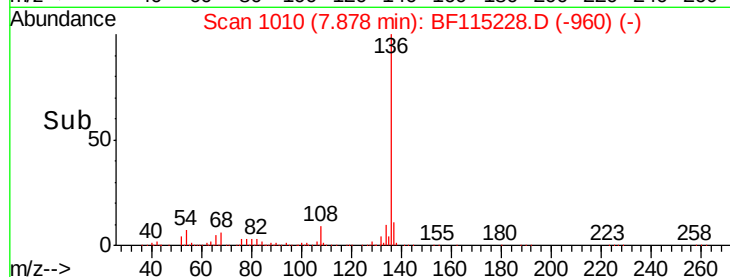
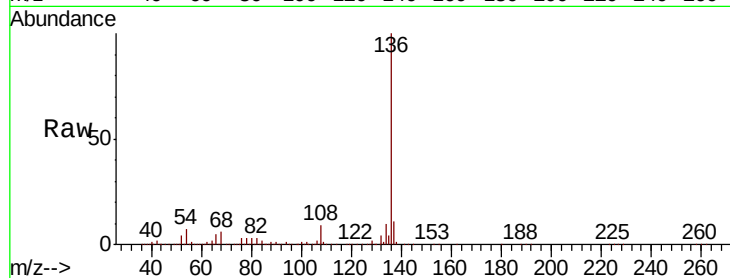
68 6.2 4.4 6.6

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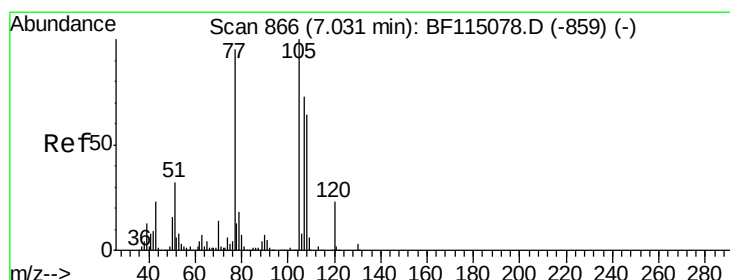
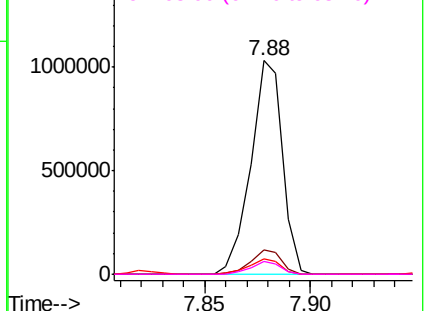
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.965 ng

RT: 7.01 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

Tgt Ion:105 Resp: 985197

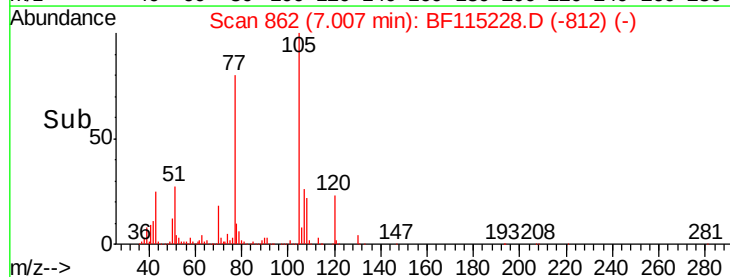
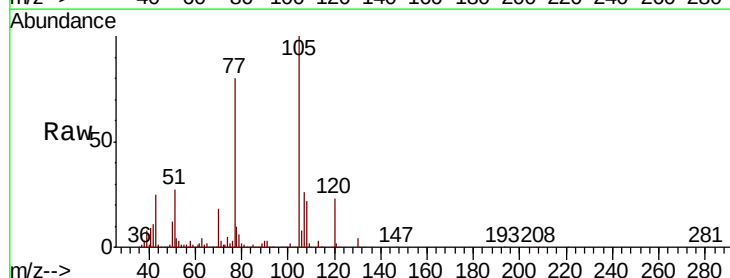
Ion Ratio Lower Upper

105 100

71 3.1 2.5 3.7

51 27.1 23.8 35.6

120 23.2 19.0 28.6



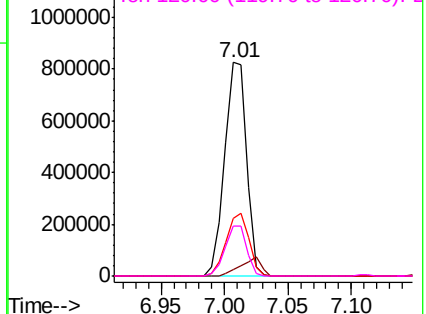
Abundance

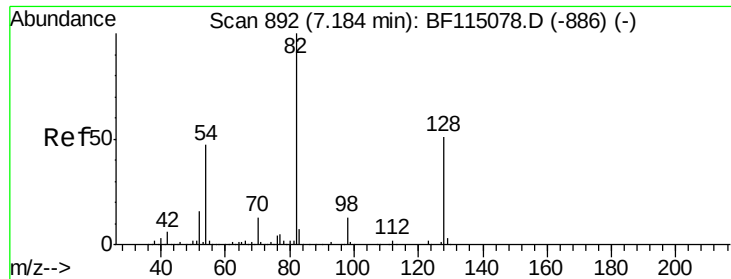
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





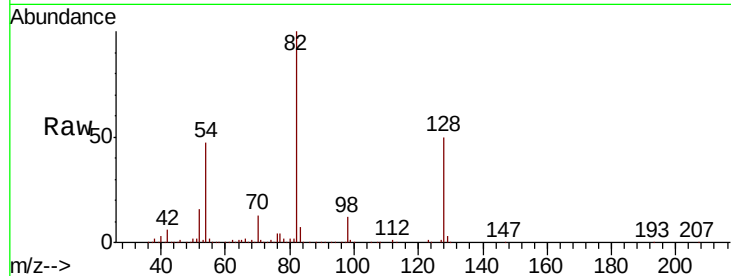
#23
 Nitrobenzene-d5
 Concen: 71.420 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF115228.D
 Acq: 27 Jun 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BS

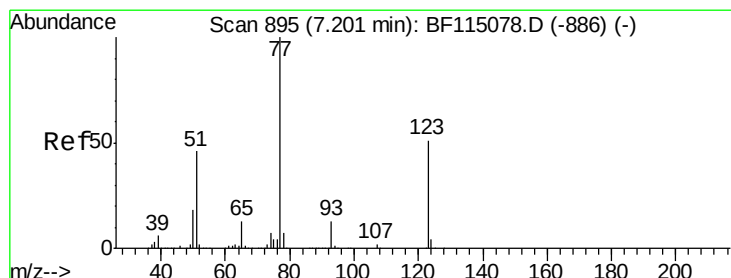
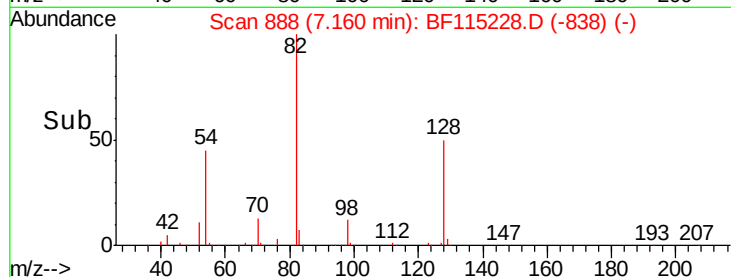
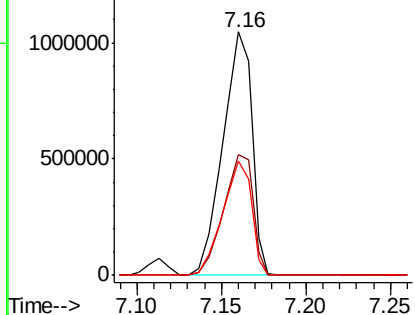
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.7	42.6	63.8
54	46.9	36.7	55.1

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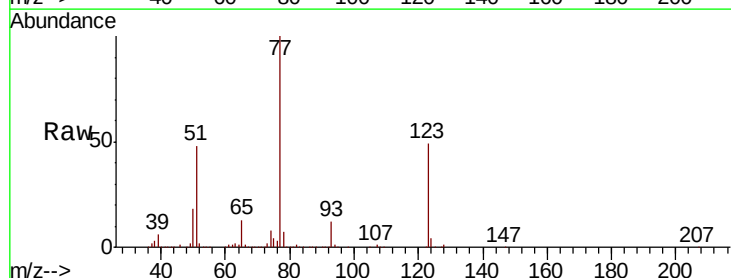


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

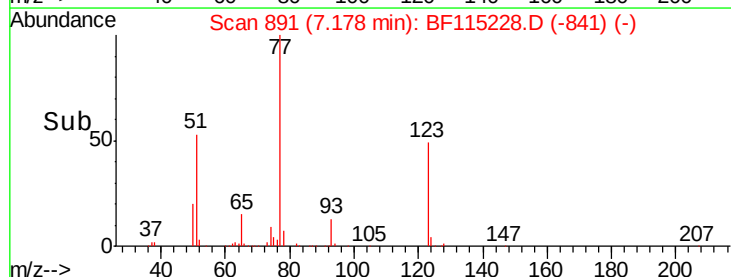
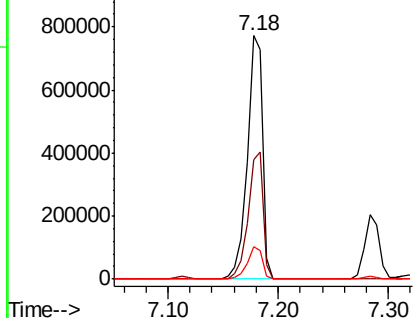


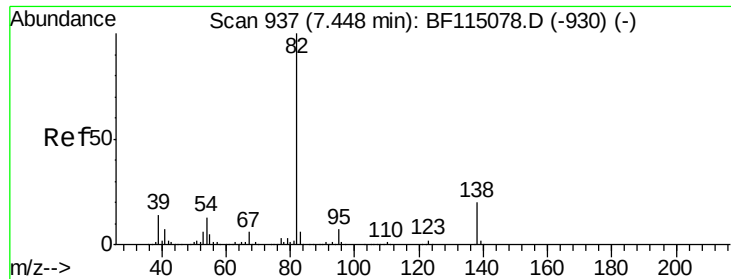
#24
 Nitrobenzene
 Concen: 38.803 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115228.D
 Acq: 27 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	43.8	65.8
65	13.1	10.2	15.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.237 ng

RT: 7.42 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120942BS

Tot Ion: 82 Resp: 1371160

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

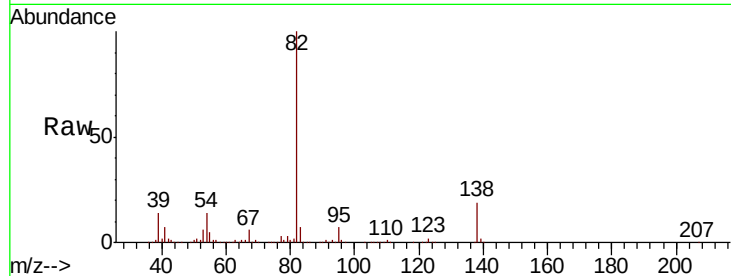
138 19.3 15.4 23.2

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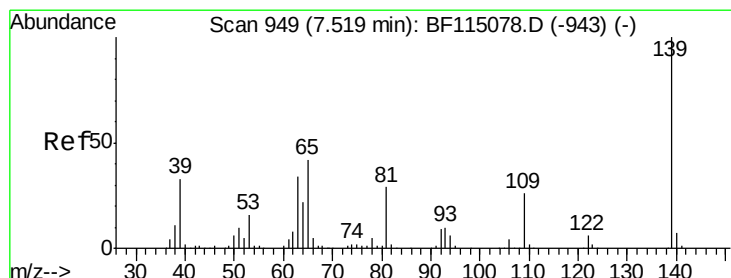
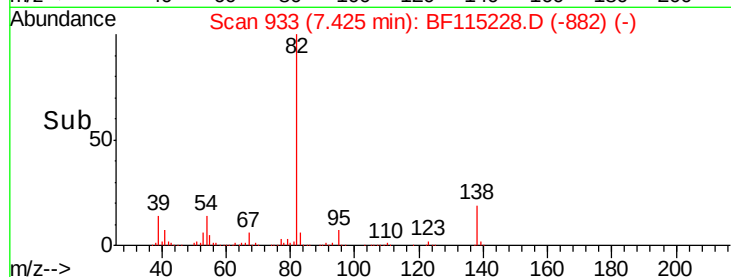
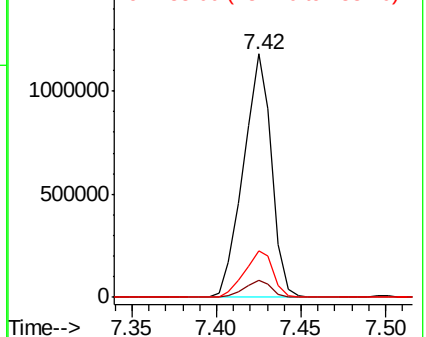
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.837 ng

RT: 7.50 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

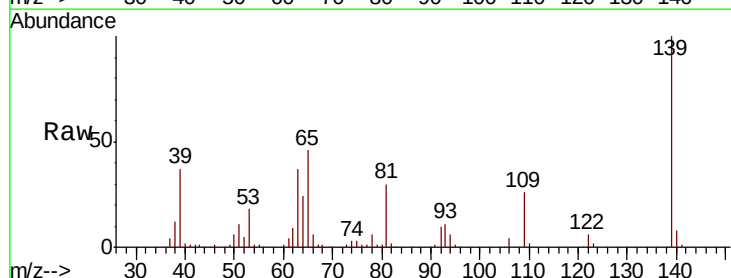
Tgt Ion: 139 Resp: 417485

Ion Ratio Lower Upper

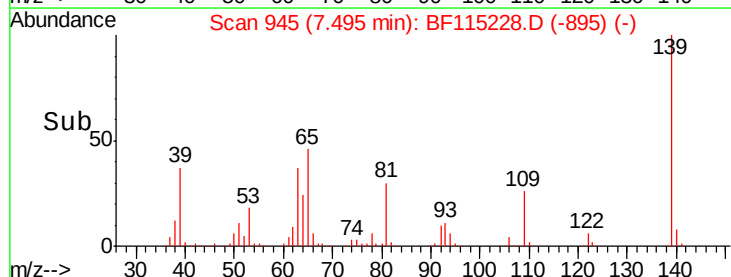
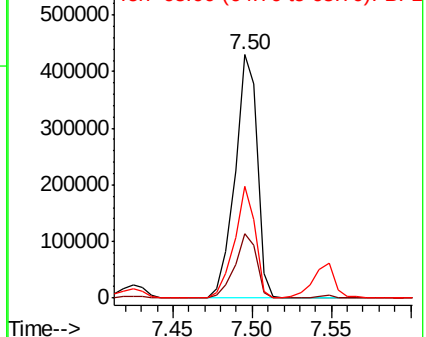
139 100

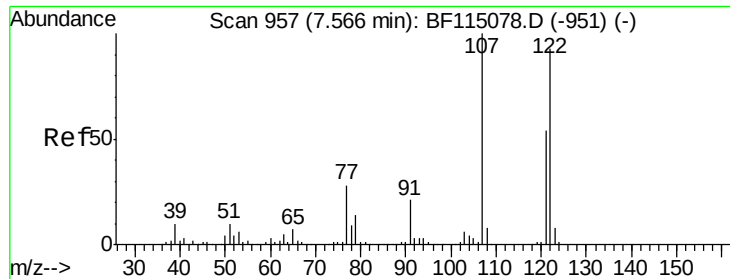
109 26.3 19.3 28.9

65 45.7 29.7 44.5#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





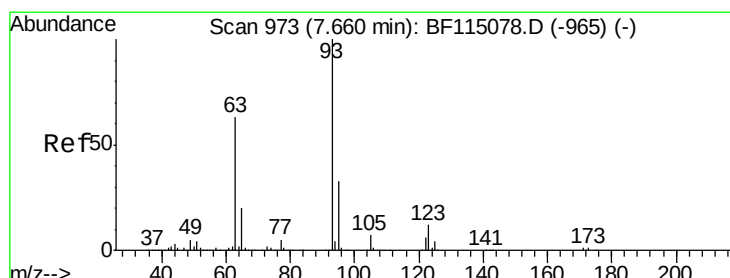
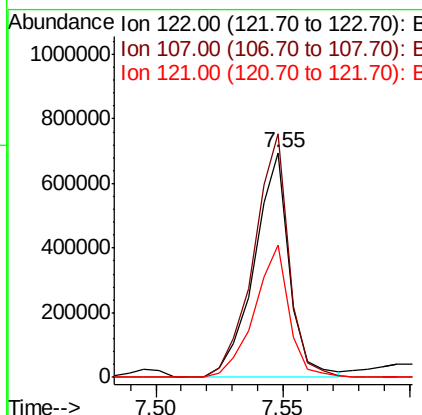
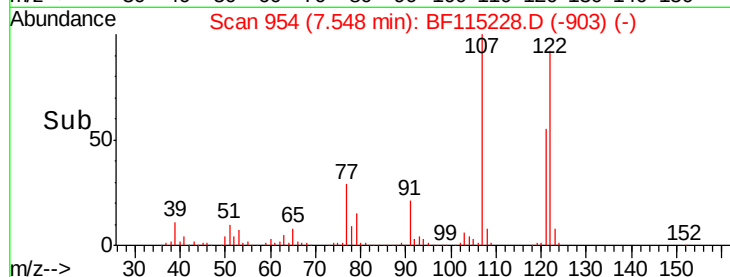
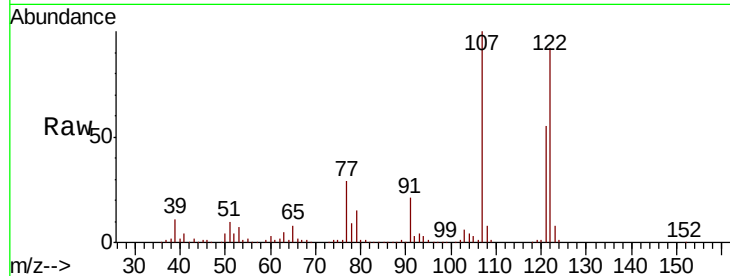
#27
2,4-Dimethylphenol
Concen: 43.473 ng
RT: 7.55 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120942BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.2	86.3	129.5
121	59.0	47.0	70.4

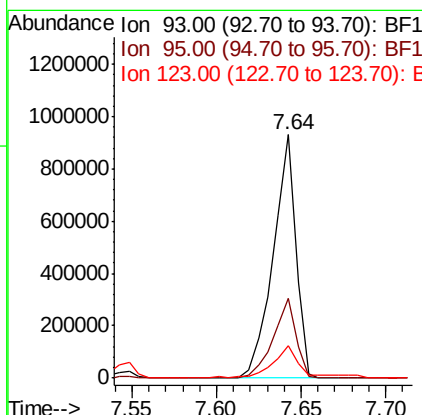
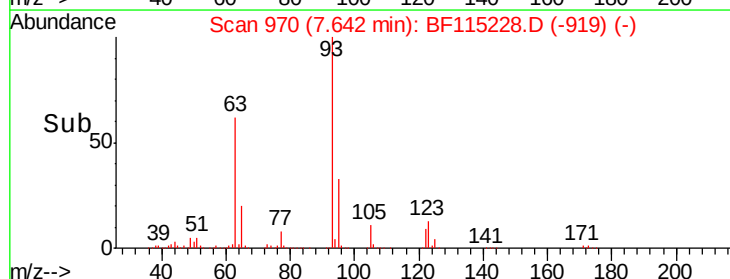
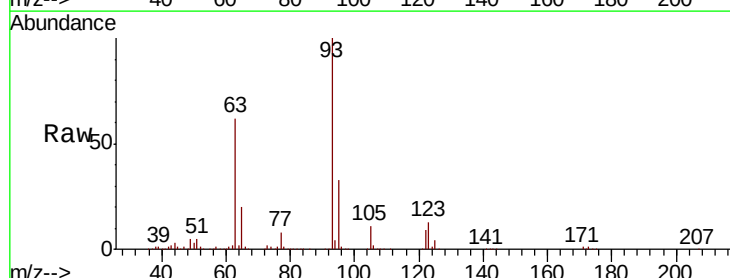
Manual Integrations
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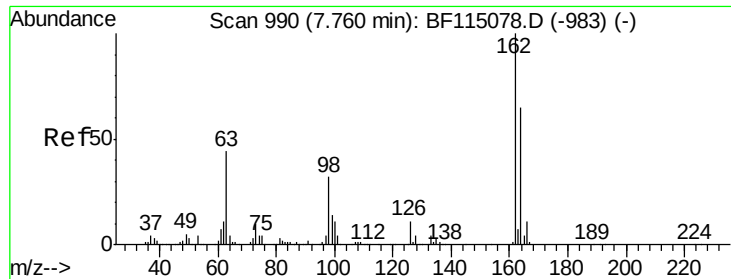
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 37.870 ng
RT: 7.64 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.4
123	13.1	10.2	15.4





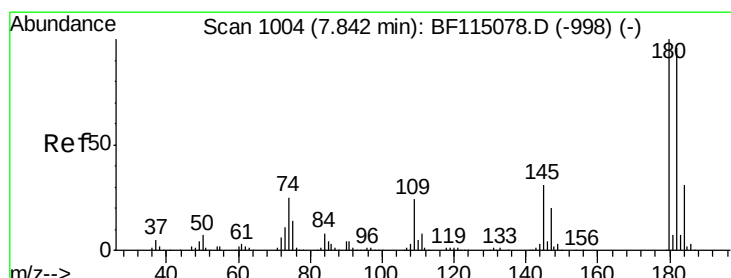
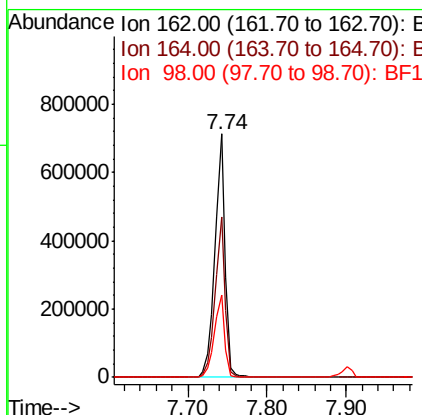
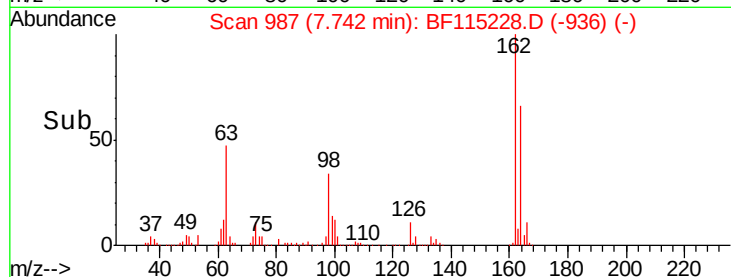
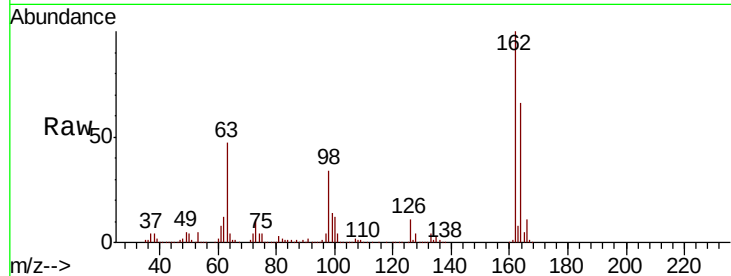
#29
2,4-Dichlorophenol
Concen: 39.636 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120942BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	637815		
164	65.8	45.9	85.9	
98	34.1	13.0	53.0	

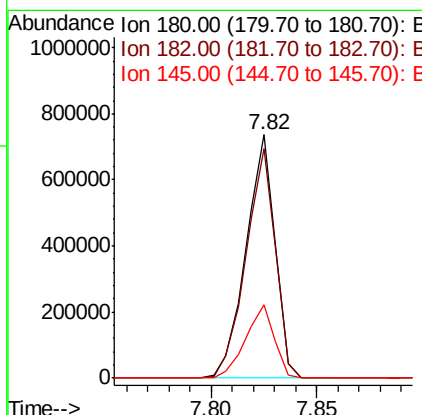
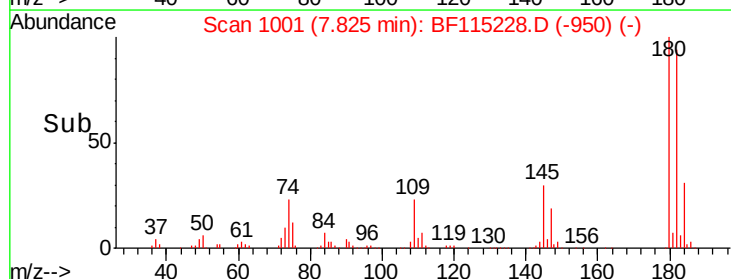
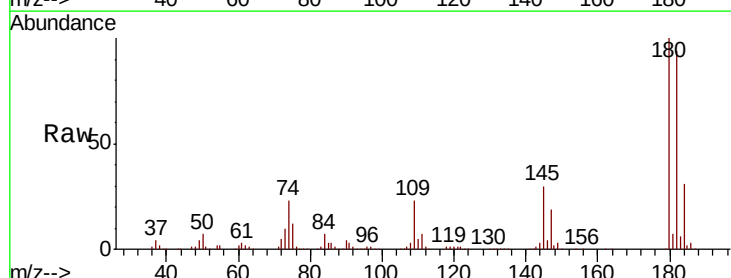
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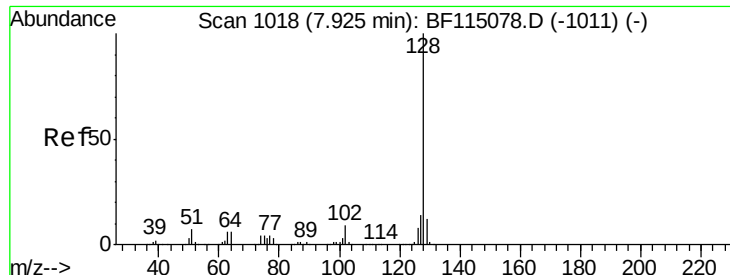
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#30
1,2,4-Trichlorobenzene
Concen: 39.616 ng
RT: 7.82 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	704156		
182	94.3	75.8	113.6	
145	30.1	24.6	36.8	





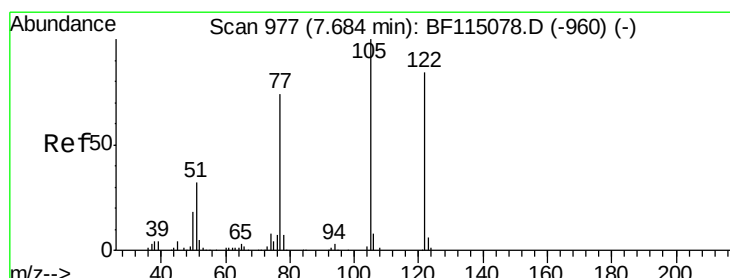
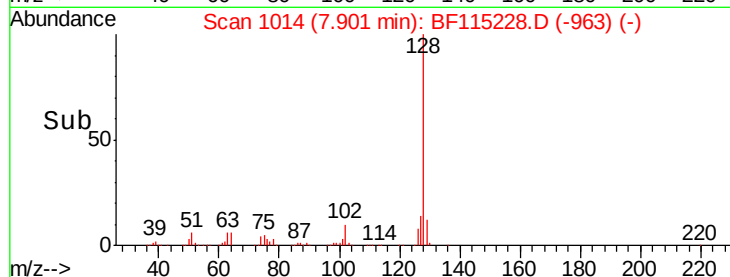
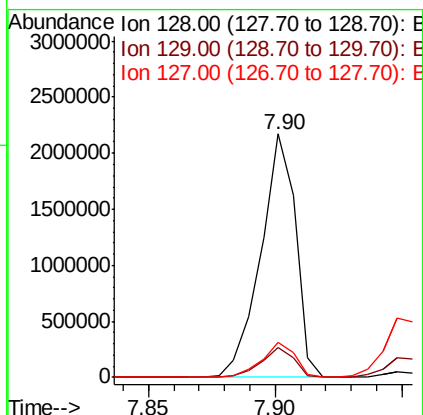
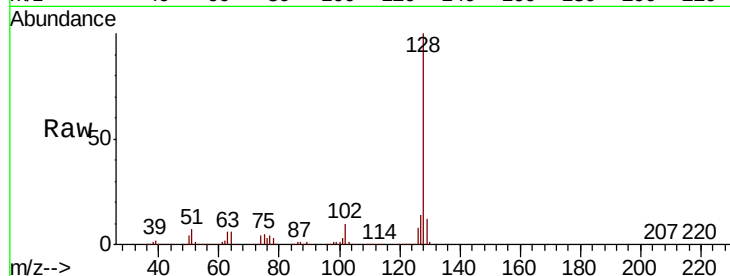
#31
Naphthalene
Concen: 39.595 ng
RT: 7.90 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120942BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.6	14.4
127	14.2	11.4	17.0

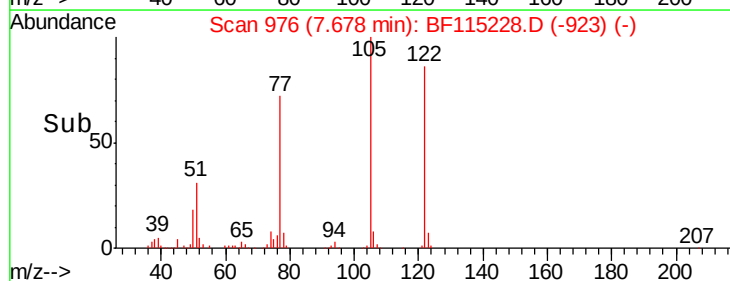
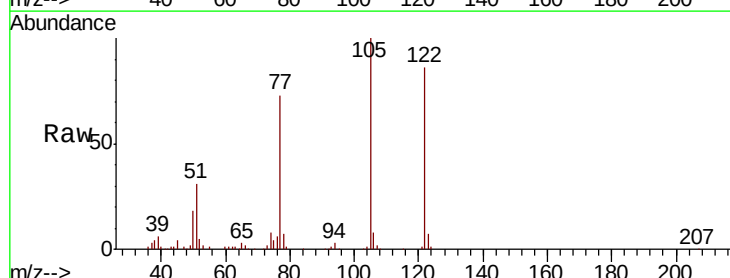
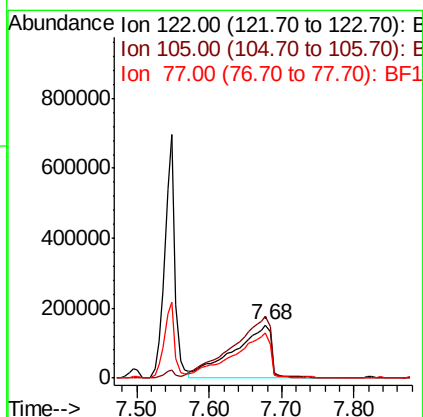
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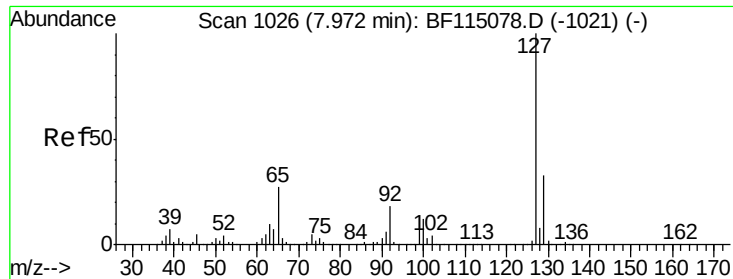
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#32
Benzoic acid
Concen: 49.329 ng
RT: 7.68 min Scan# 976
Delta R.T. 0.01 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.9	100.4	140.4
77	85.6	66.9	106.9





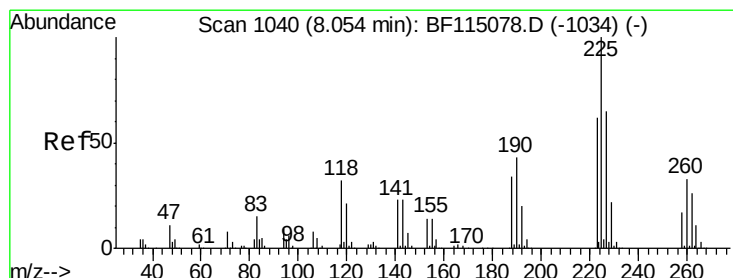
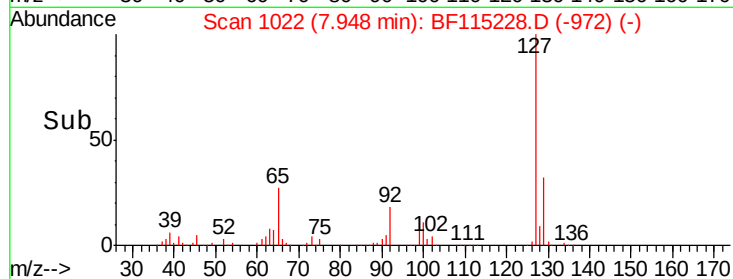
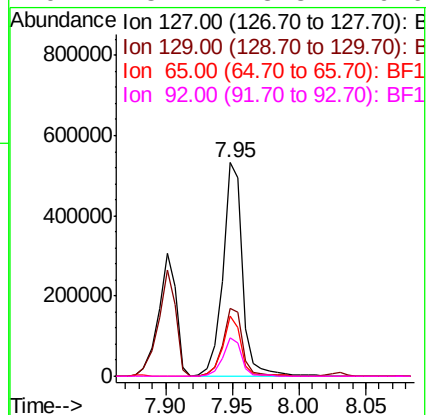
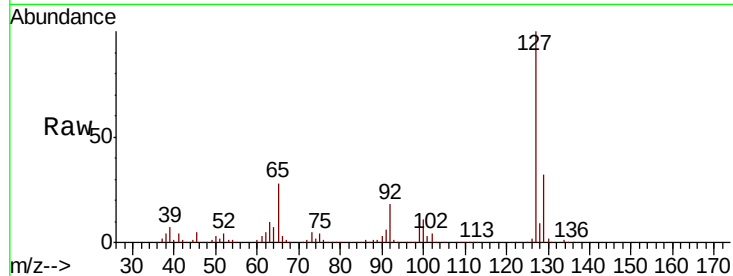
#33
4-Chloroaniline
Concen: 22.812 ng
RT: 7.95 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120942BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		551067		
129	32.0	26.2	39.4		
65	28.5	20.0	30.0		
92	18.2	13.8	20.6		

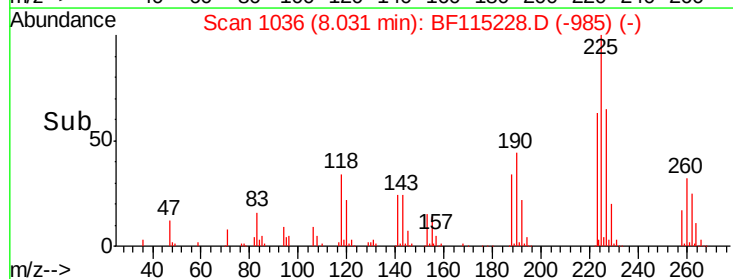
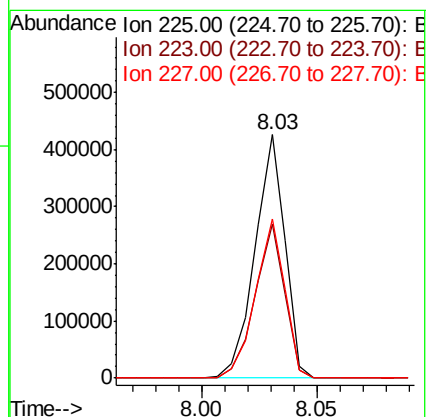
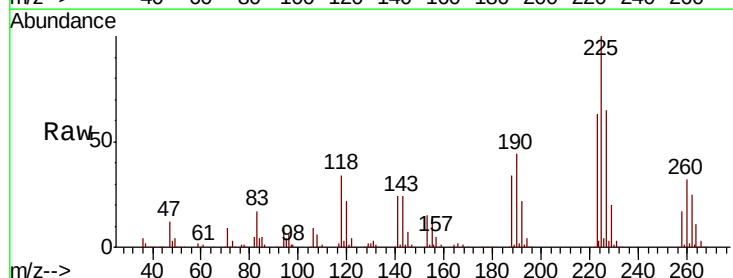
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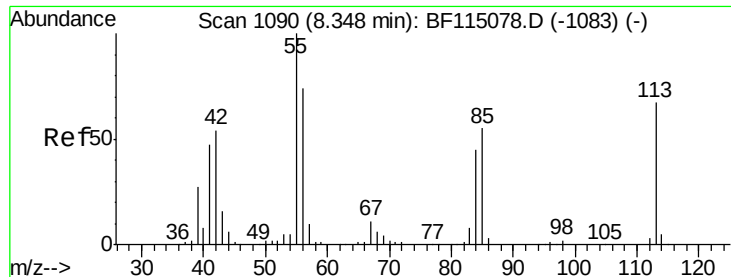
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#34
Hexachlorobutadiene
Concen: 39.584 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		385569		
223	63.1	50.5	75.7		
227	65.2	51.1	76.7		





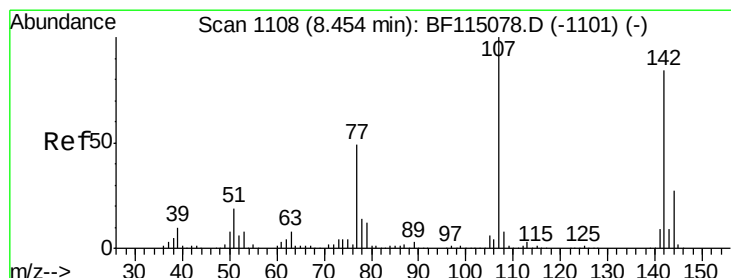
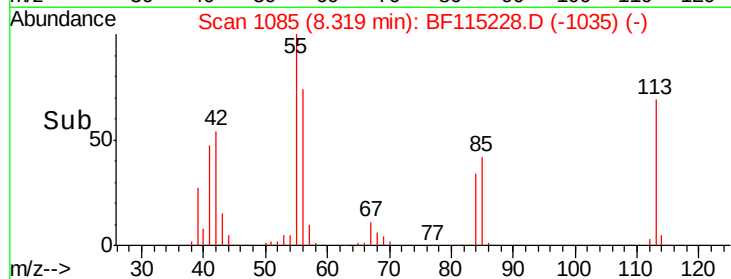
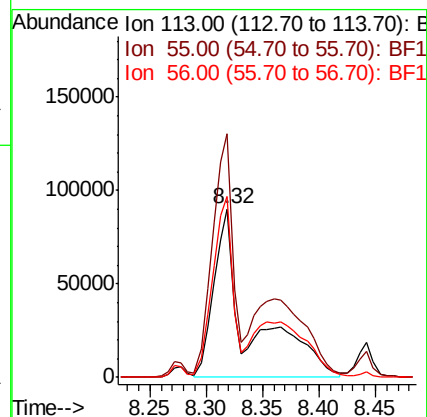
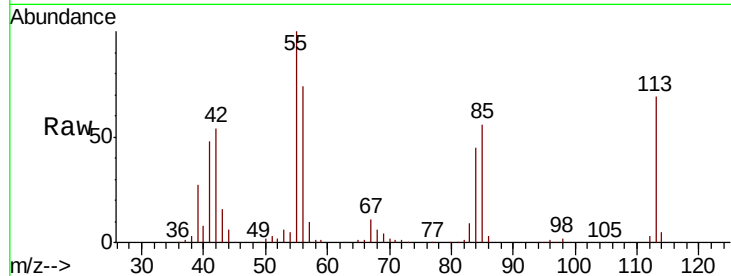
#35
Caprolactam
Concen: 36.183 ng/ml
RT: 8.32 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120942BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	144.7	122.2	162.2
56	107.2	83.7	123.7

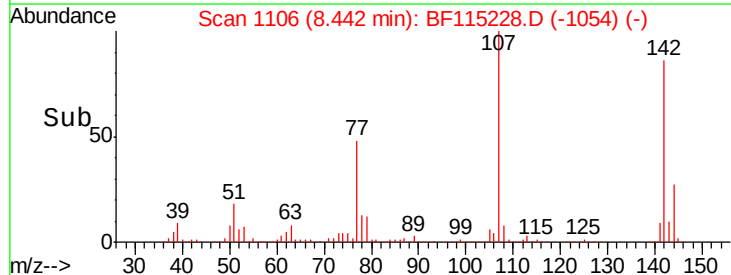
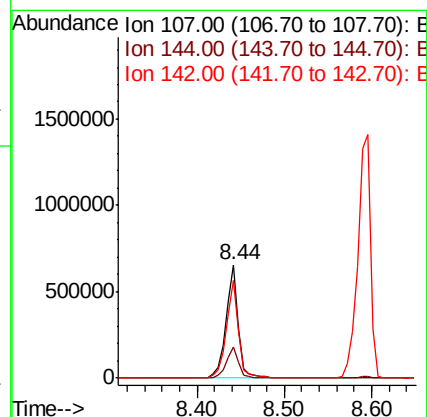
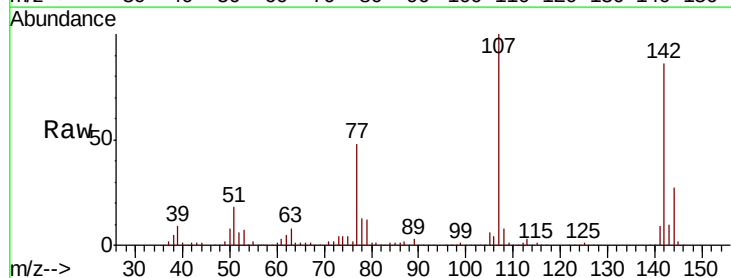
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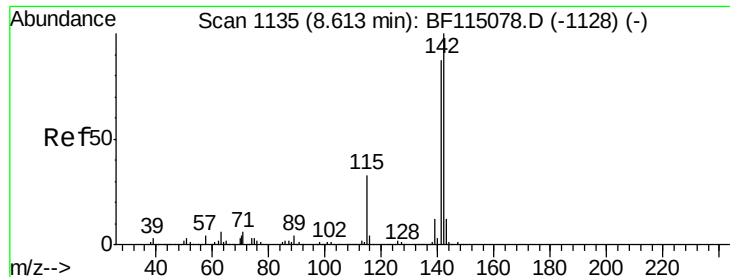
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#36
4-Chloro-3-methylphenol
Concen: 39.089 ng/ml
RT: 8.44 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	22.2	33.2
142	85.7	67.5	101.3





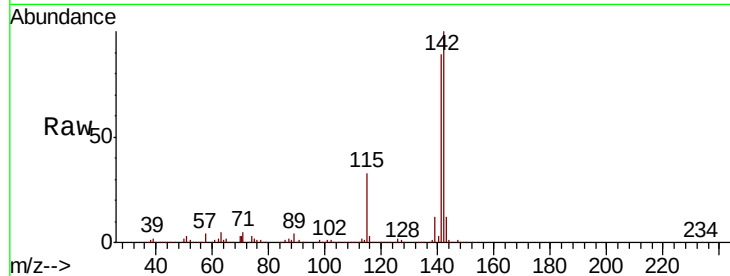
#37
2-Methylnaphthalene
Concen: 40.160 ng
RT: 8.60 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120942BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	33.1	27.4	41.0

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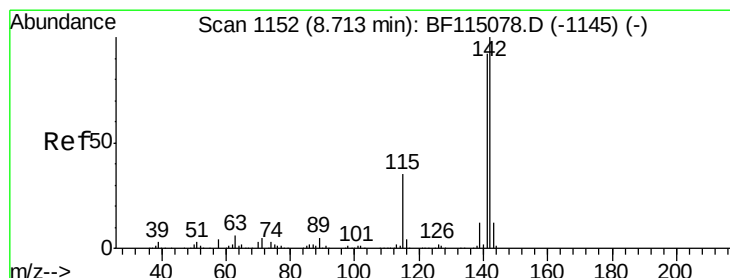
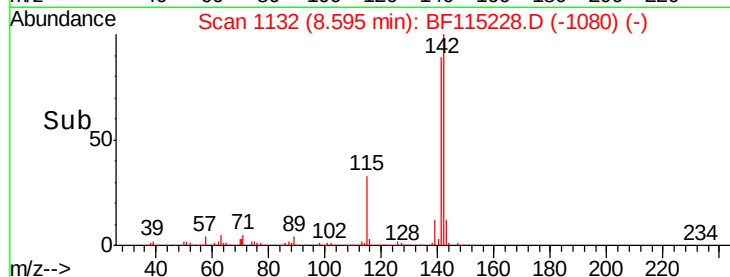
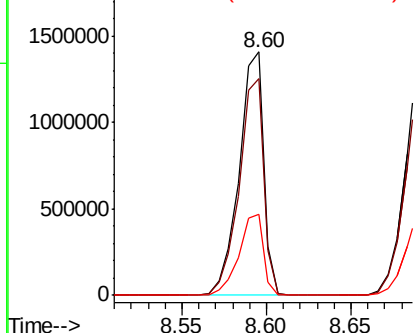


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.159 ng
RT: 8.69 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

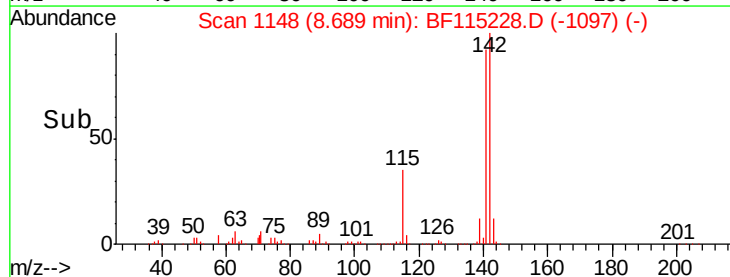
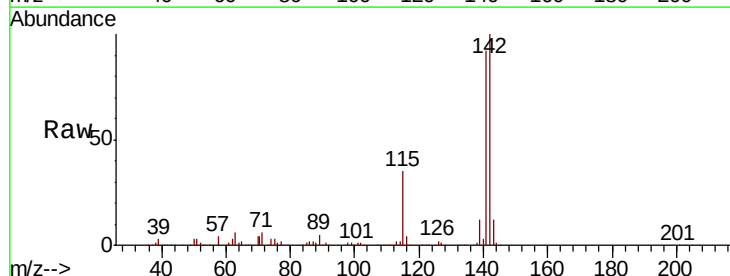
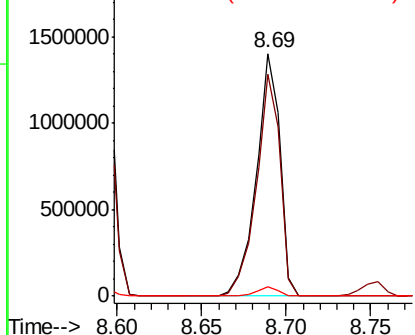
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.2	109.8
116	3.8	3.0	4.4

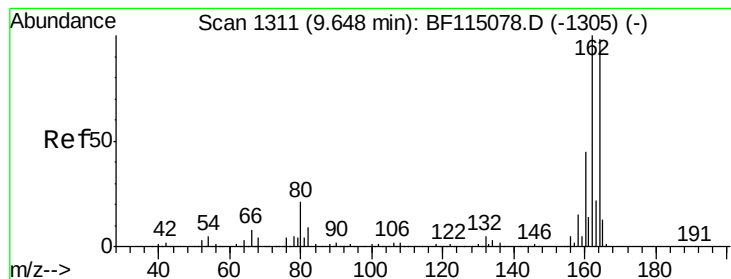
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.62 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

Instrument :

BNA_F

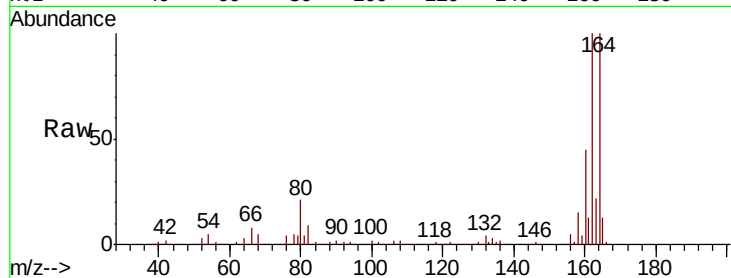
ClientSampleId :

PB120942BS

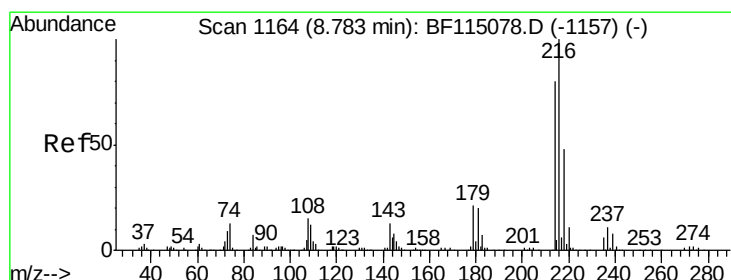
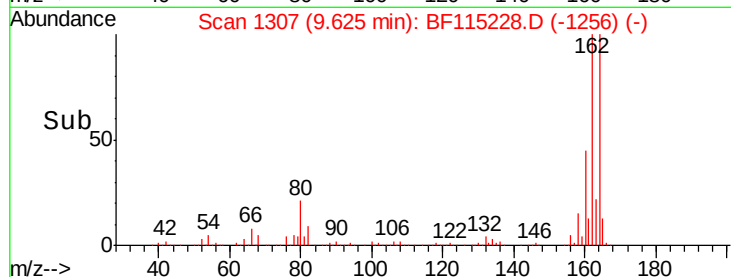
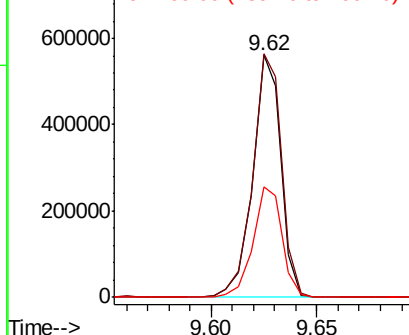
Tot Ion:	164	Resp:	517849
Ion Ratio	Lower	Upper	
164	100		
162	100.5	80.3	120.5
160	45.6	36.4	54.6

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.639 ng

RT: 8.76 min Scan# 1160

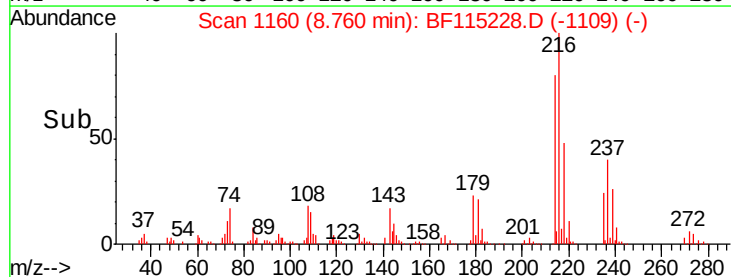
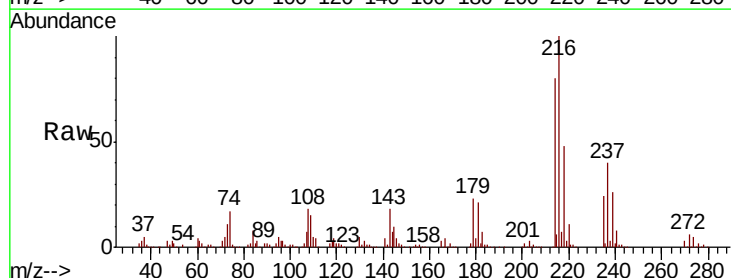
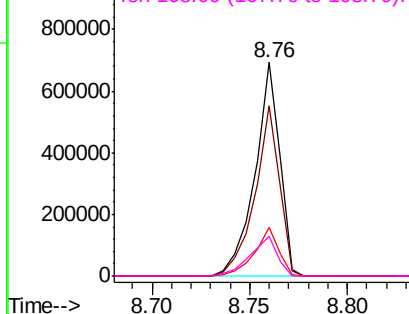
Delta R.T. 0.00 min

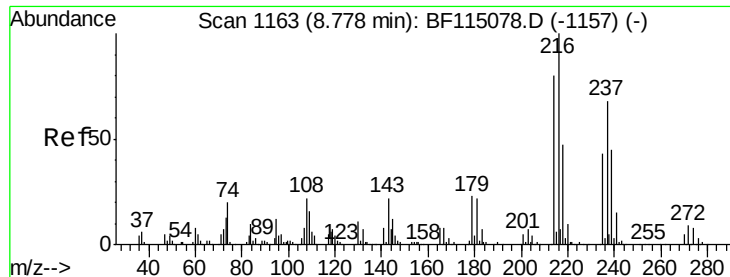
Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

Tgt Ion:	216	Resp:	609321
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.7	95.5
179	22.1	17.8	26.6
108	20.3	15.0	22.6

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





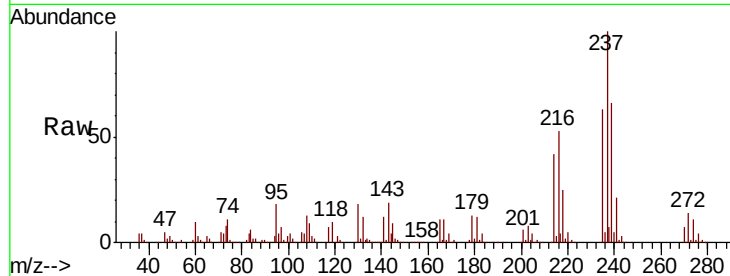
#41
 Hexachlorocyclopentadiene
 Concen: 74.433 ng
 RT: 8.75 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF115228.D
 Acq: 27 Jun 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BS

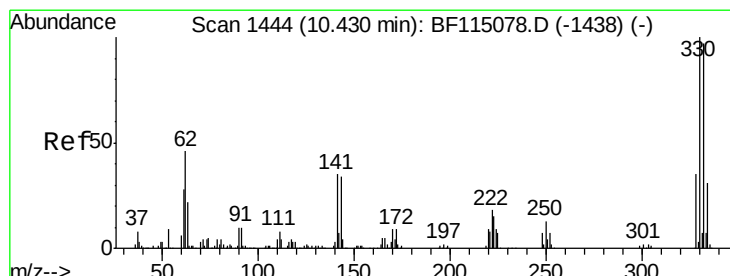
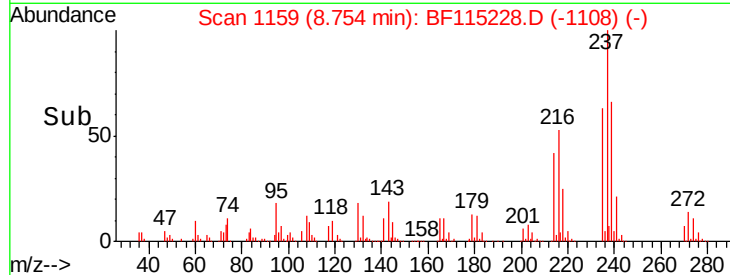
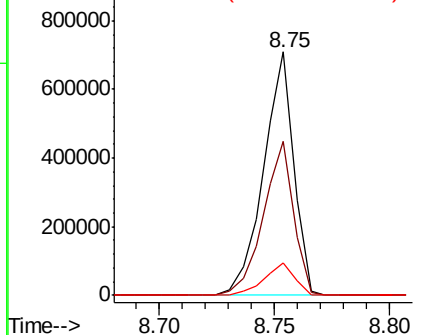
Tot Ion:	237	Resp:	645865
Ion Ratio	Lower	Upper	
237	100		
235	63.1	43.5	83.5
272	13.5	0.0	33.2

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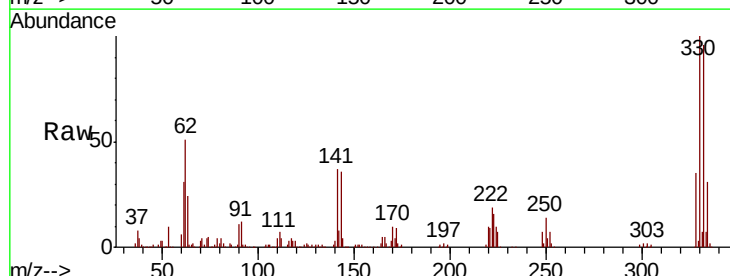


Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

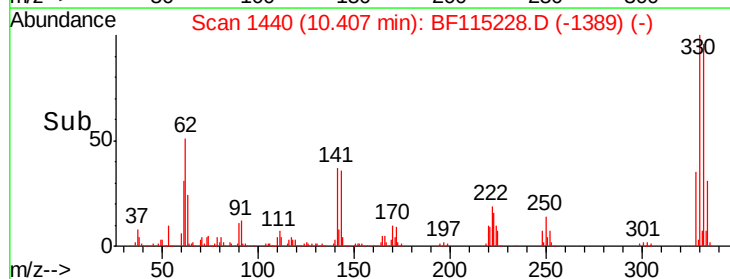
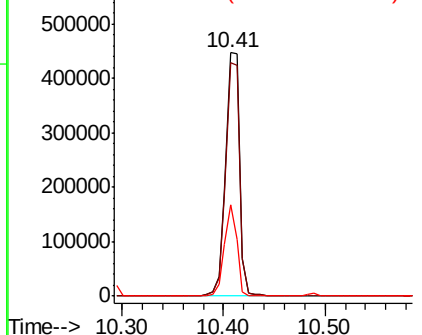


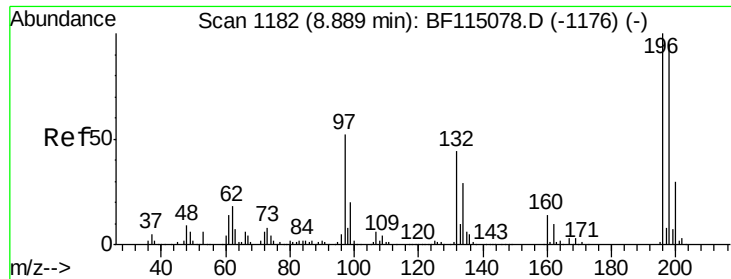
#42
 2,4,6-Tribromophenol
 Concen: 78.914 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF115228.D
 Acq: 27 Jun 2019 11:06

Tgt Ion:	330	Resp:	430943
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.9	116.9
141	33.5	26.9	40.3



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E





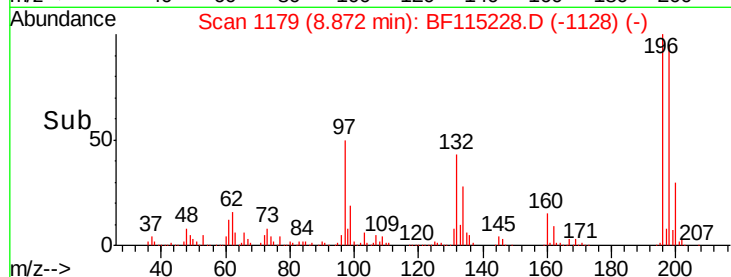
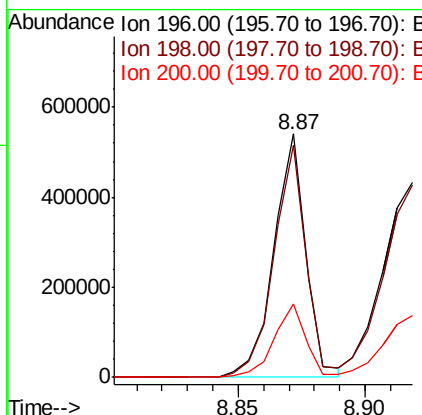
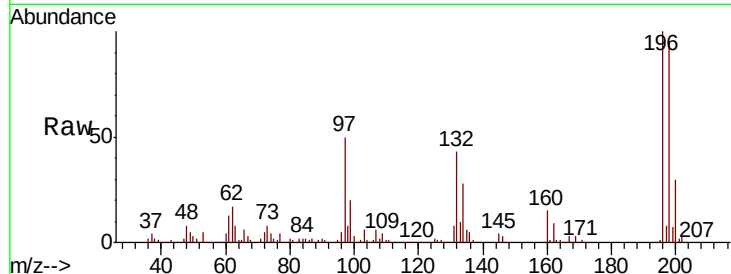
#43
 2,4,6-Trichlorophenol
 Concen: 41.722 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF115228.D
 Acq: 27 Jun 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	471359		
198	95.5	78.3	117.5	
200	30.1	25.3	37.9	

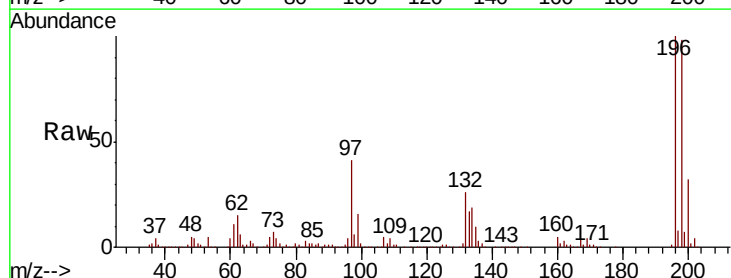
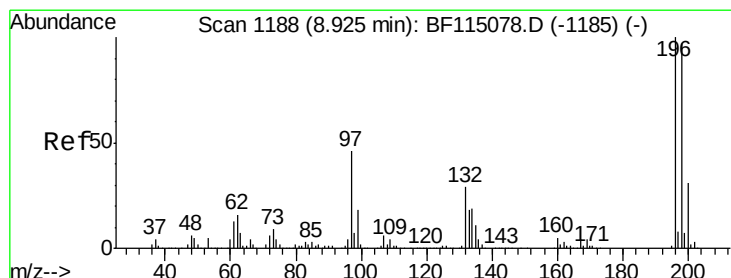
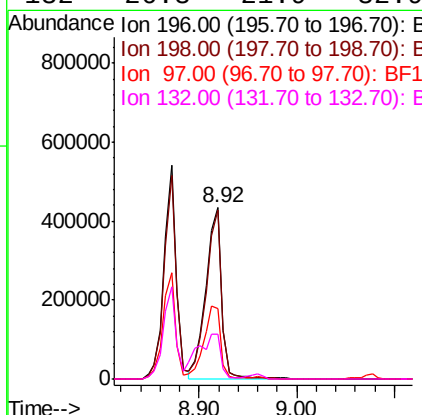
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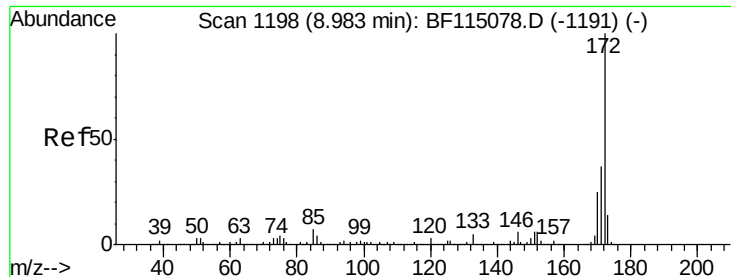
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#44
 2,4,5-Trichlorophenol
 Concen: 41.782 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF115228.D
 Acq: 27 Jun 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	486112		
198	98.3	75.1	112.7	
97	41.4	33.5	50.3	
132	26.3	21.9	32.9	





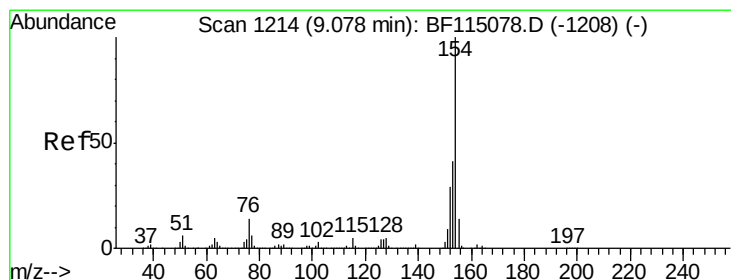
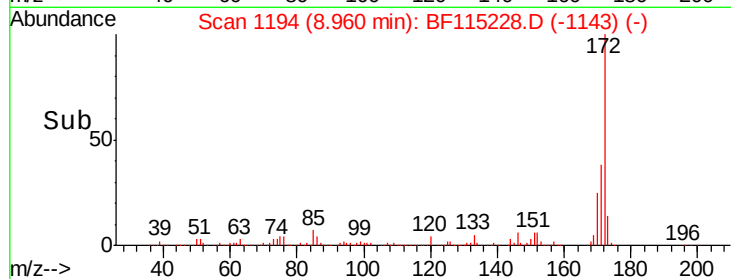
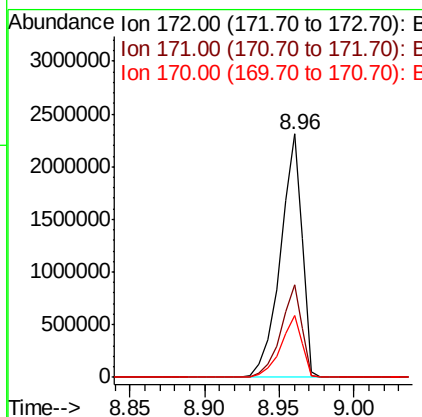
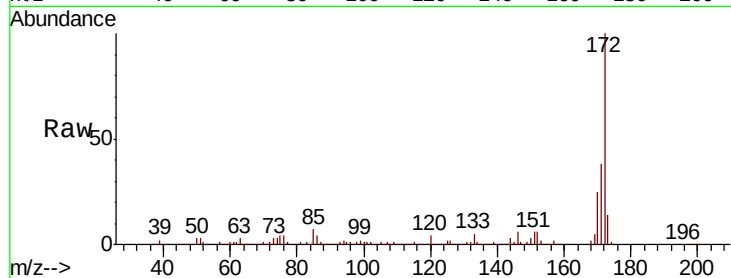
#45
2-Fluorobiphenyl
Concen: 77.476 ng
RT: 8.96 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120942BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.9	46.3
170	25.5	20.7	31.1

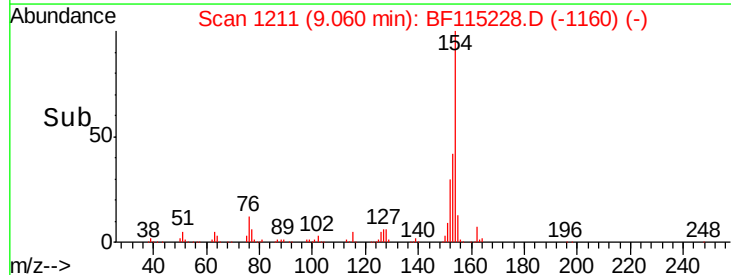
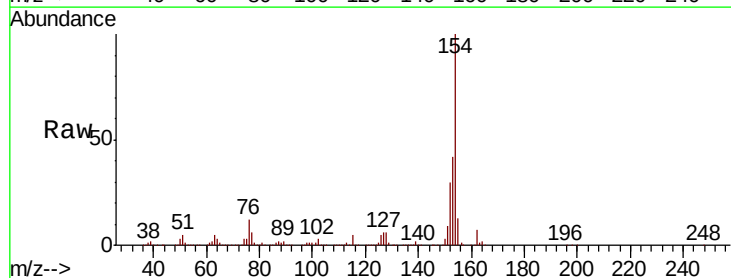
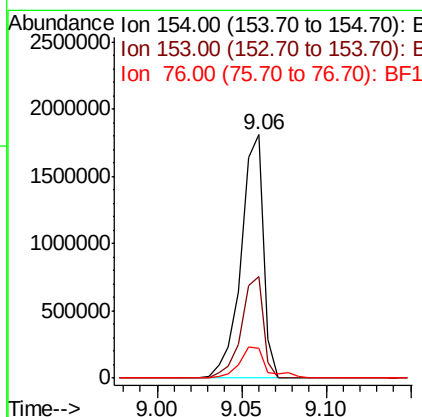
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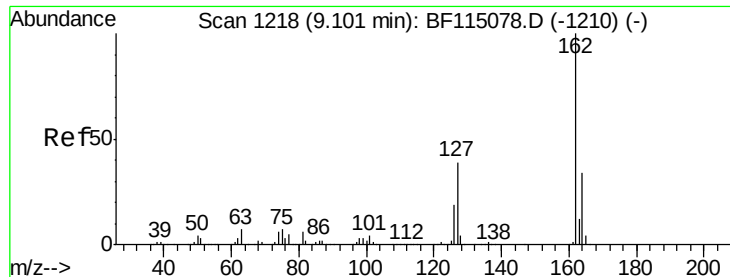
mohammad
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#46
1,1'-Biphenyl
Concen: 40.237 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.0	61.0
76	12.2	0.0	31.9





#47

2-Chloronaphthalene

Concen: 39.613 ng

RT: 9.08 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

Instrument :

BNA_F

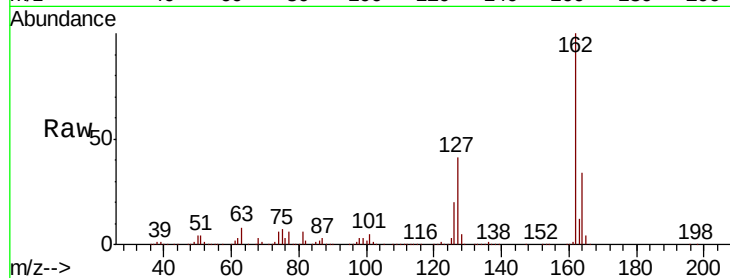
ClientSampleId :

PB120942BS

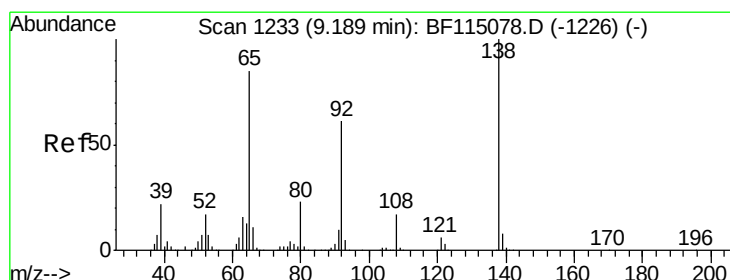
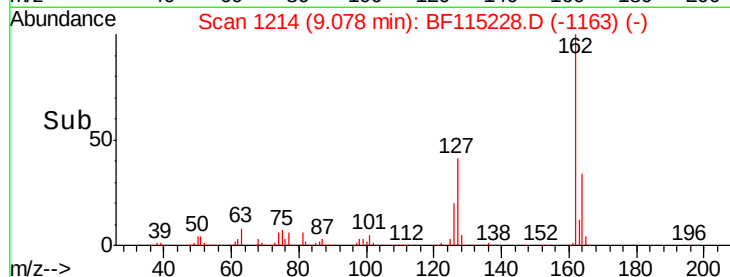
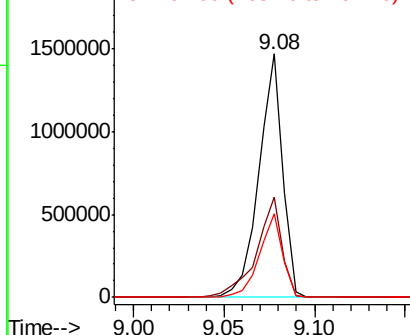
Tot Ion:	162	Resp:	1331407
Ion	Ratio	Lower	Upper
162	100		
127	41.1	31.9	47.9
164	34.4	27.0	40.4

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 38.641 ng

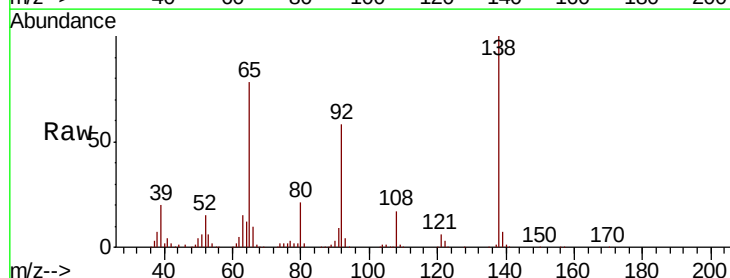
RT: 9.17 min Scan# 1230

Delta R.T. 0.00 min

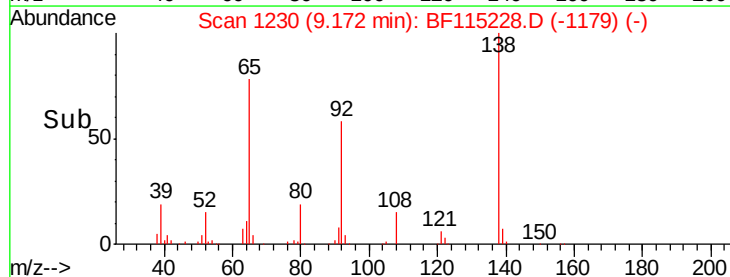
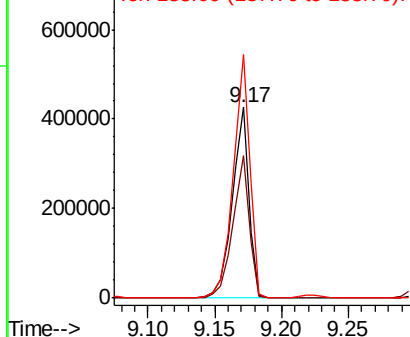
Lab File: BF115228.D

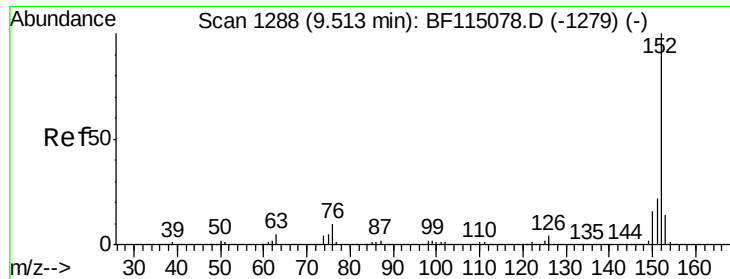
Acq: 27 Jun 2019 11:06

Tgt Ion:	65	Resp:	378632
Ion	Ratio	Lower	Upper
65	100		
92	74.4	60.1	90.1
138	127.4	104.8	157.2



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.985 ng

RT: 9.49 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120942BS

Tot Ion:152 Resp: 2041495

Ion Ratio Lower Upper

152 100

151 21.9 17.0 25.6

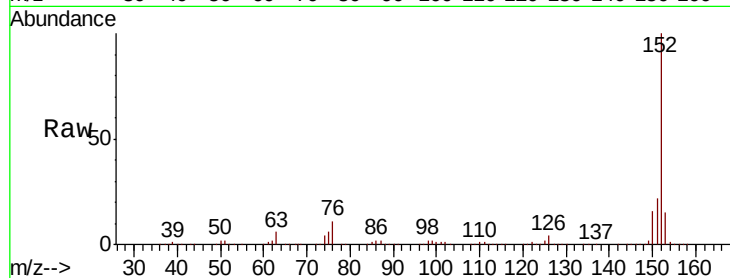
153 14.6 11.2 16.8

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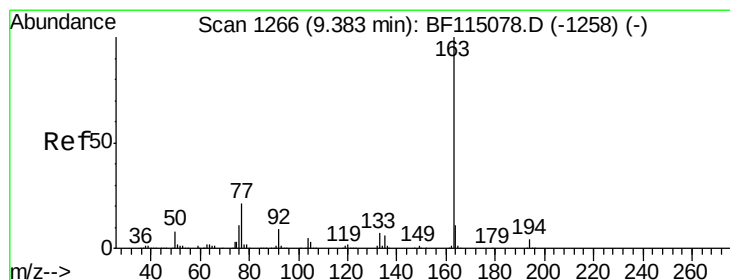
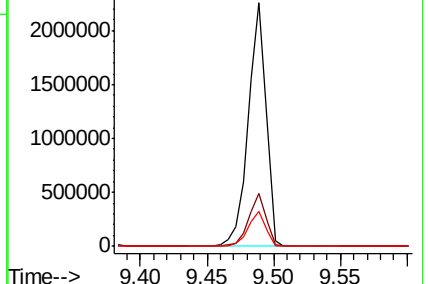
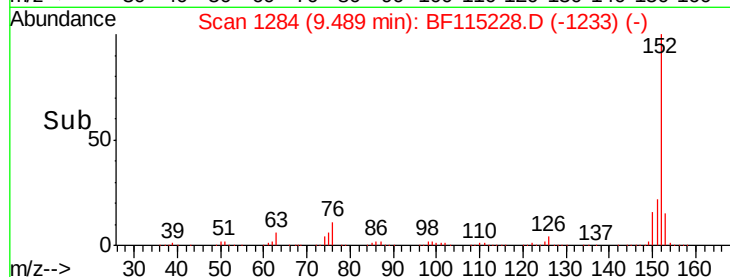
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.877 ng

RT: 9.37 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

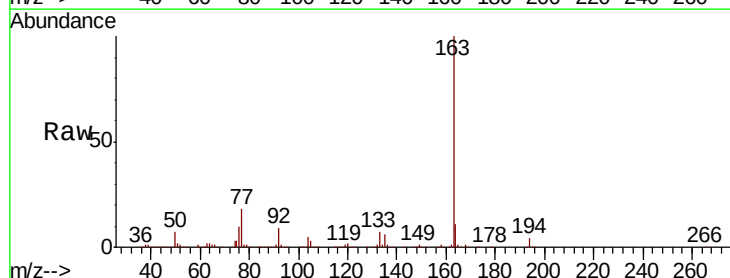
Tgt Ion:163 Resp: 1519291

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

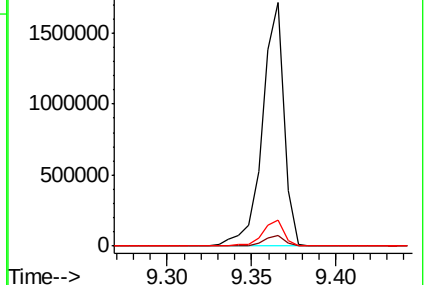
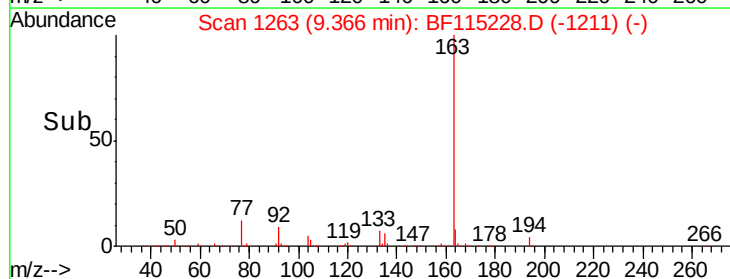
164 10.5 8.6 12.8

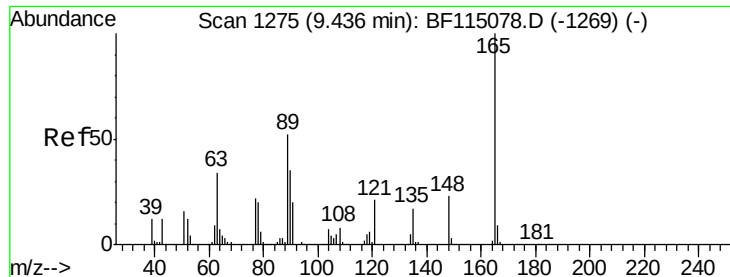


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.290 ng

RT: 9.42 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

Instrument :

BNA_F

ClientSampled :

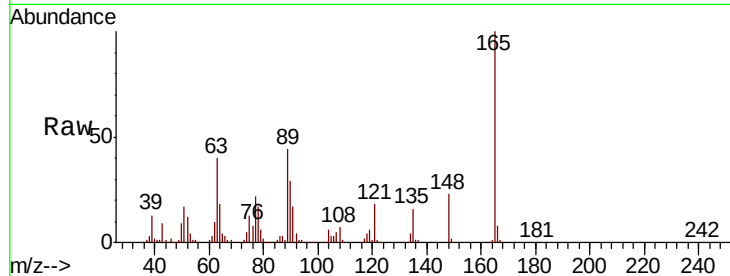
PB120942BS

Tot Ion:165 Resp: 363182
Ion Ratio Lower Upper

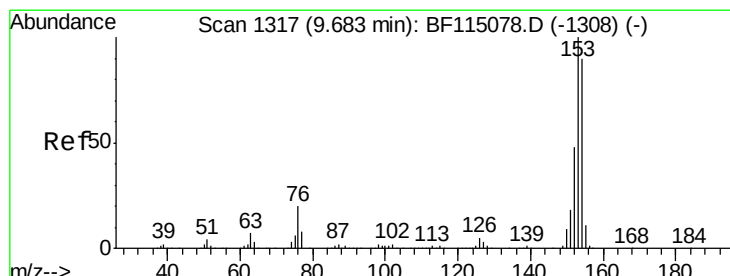
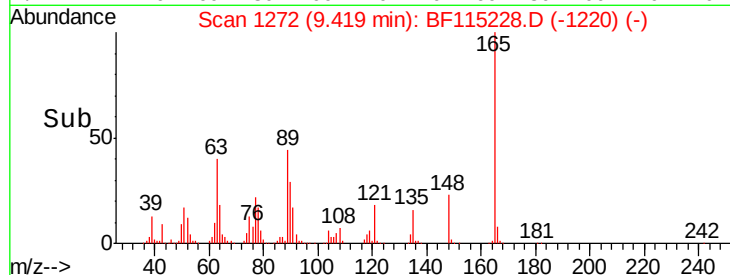
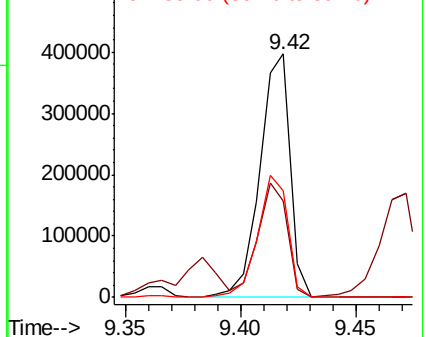
165	100		
63	39.7	40.2	60.4#
89	43.9	42.9	64.3

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.522 ng

RT: 9.66 min Scan# 1313

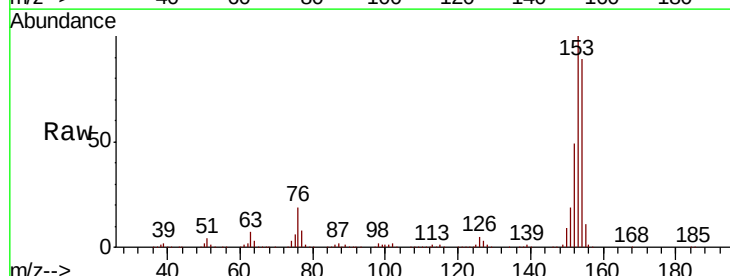
Delta R.T. 0.00 min

Lab File: BF115228.D

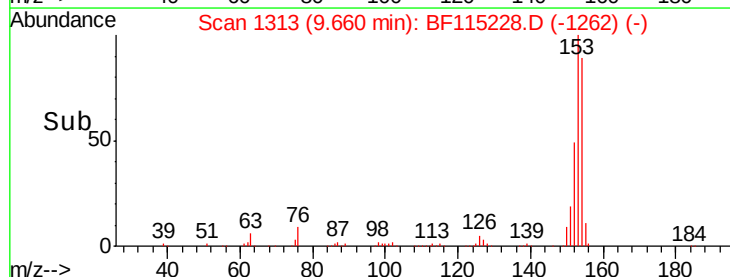
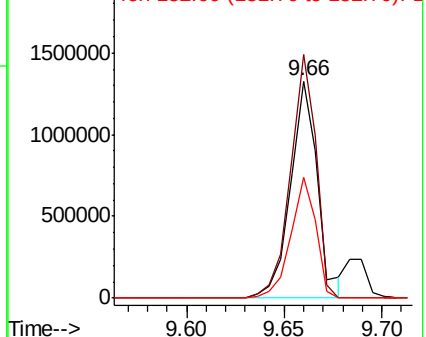
Acq: 27 Jun 2019 11:06

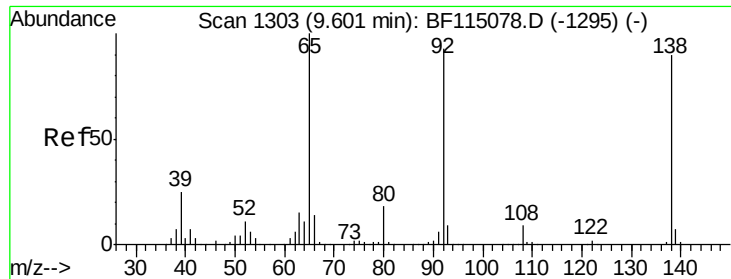
Tgt Ion:154 Resp: 1262278
Ion Ratio Lower Upper

154	100		
153	112.1	90.2	135.2
152	55.4	44.1	66.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





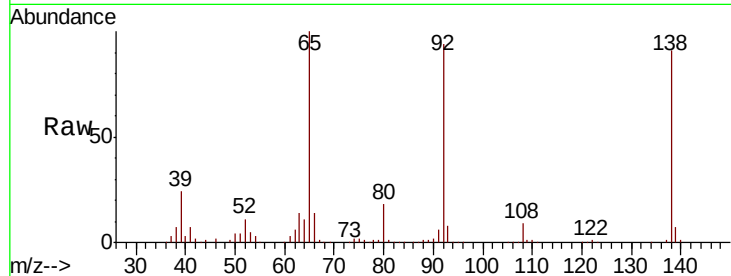
#53
3-Nitroaniline
Concen: 25.966 ng
RT: 9.58 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120942BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.0	12.0
92	103.3	85.4	128.2

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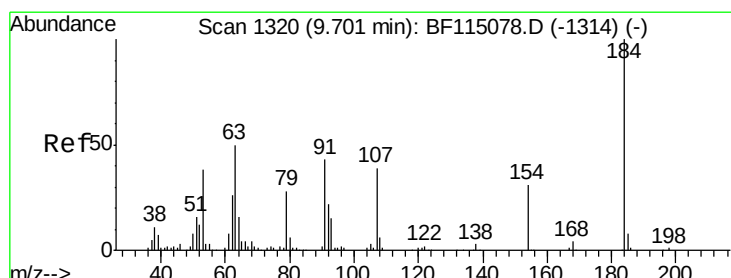
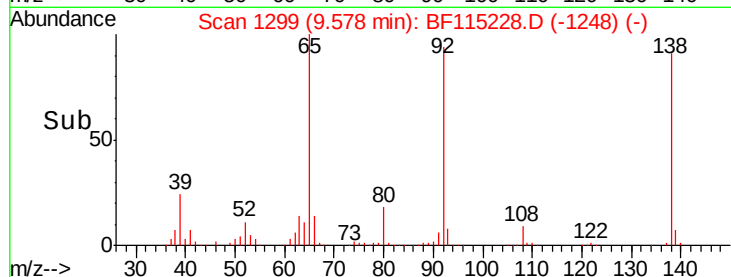
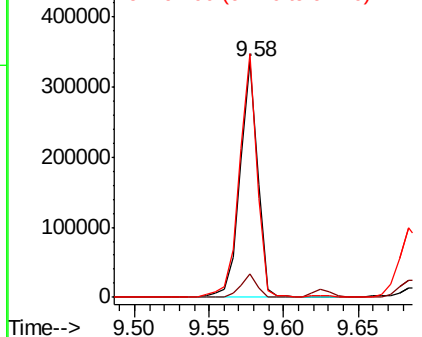


Abundance

Ion 138.00 (137.70 to 138.70): E

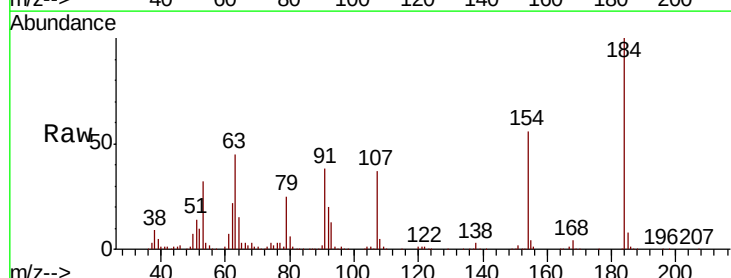
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 93.254 ng
RT: 9.69 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	44.6	37.3	55.9
154	56.1	42.6	64.0

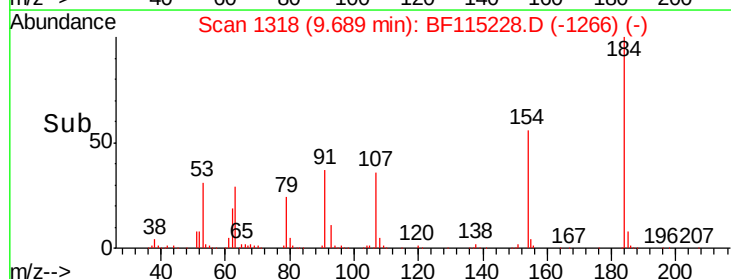
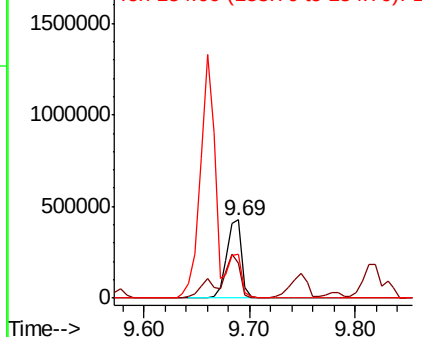


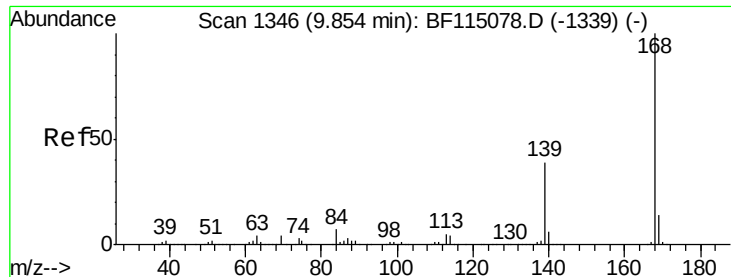
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





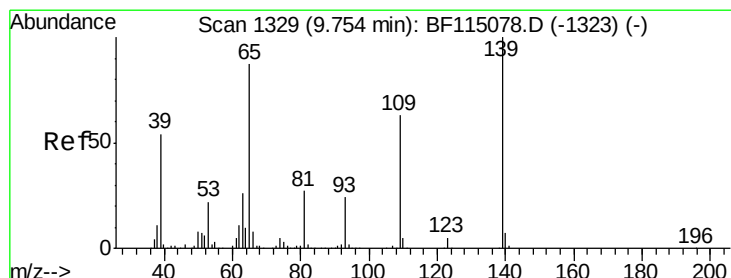
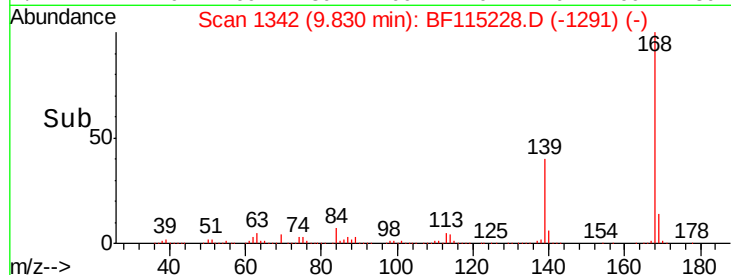
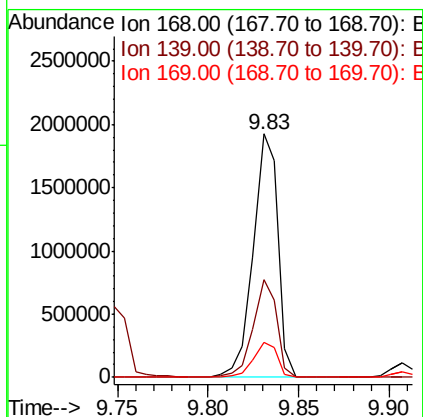
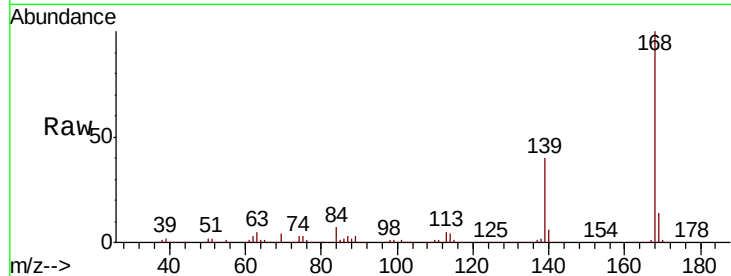
#55
Dibenzofuran
Concen: 38.731 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120942BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.2	46.8
169	14.4	11.6	17.4

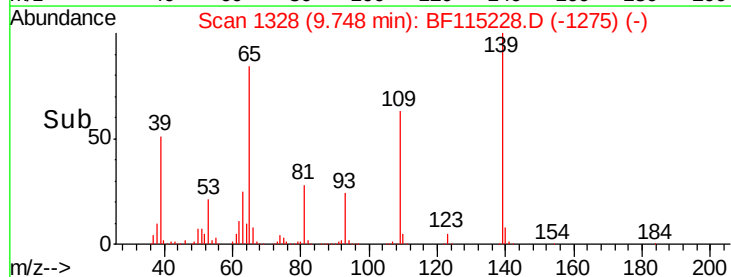
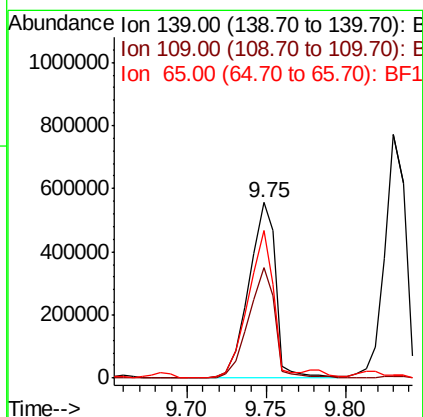
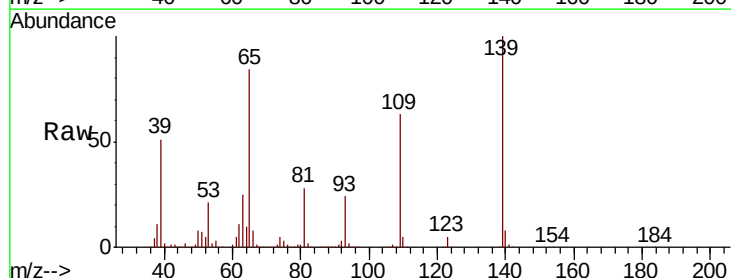
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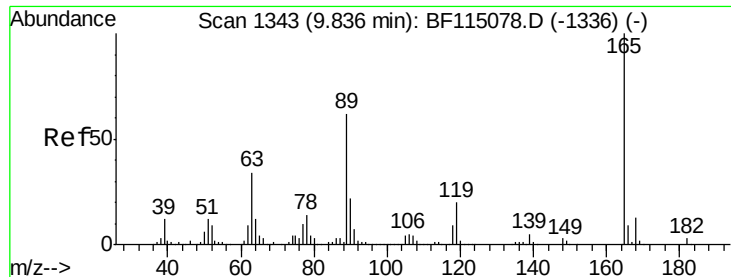
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#56
4-Nitrophenol
Concen: 76.242 ng
RT: 9.75 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.2	42.0	82.0
65	84.0	63.3	103.3





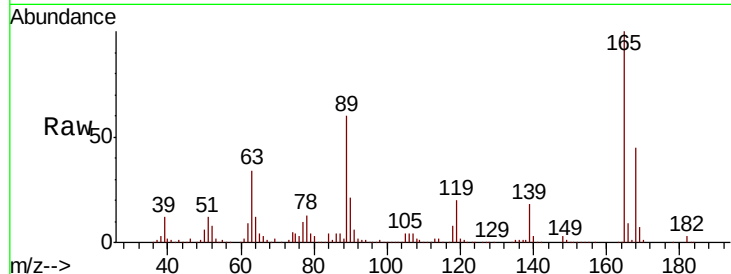
#57
 2,4-Dinitrotoluene
 Concen: 41.291 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF115228.D
 Acq: 27 Jun 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BS

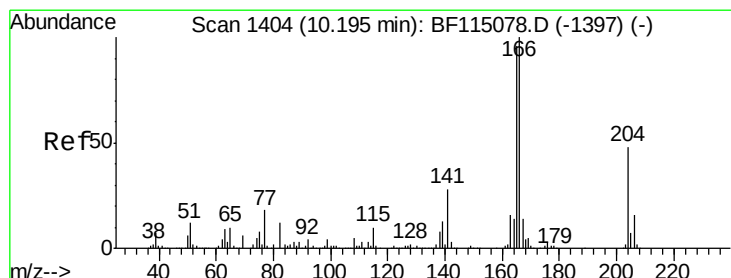
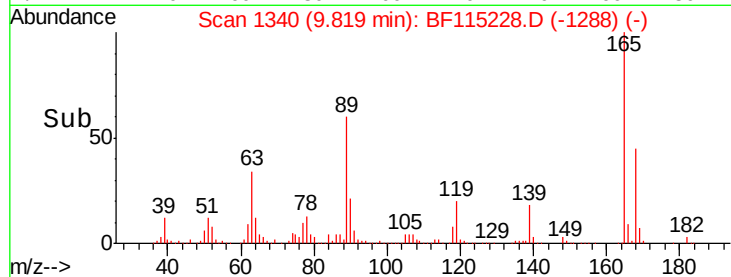
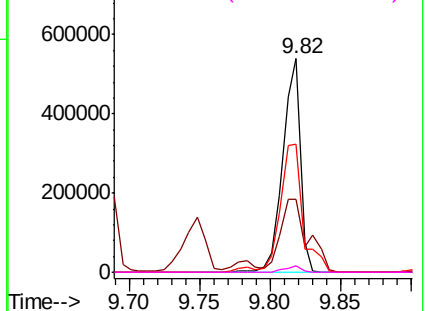
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		468956		
63	34.4	29.3	43.9		
89	59.9	50.8	76.2		
182	2.8	2.2	3.2		

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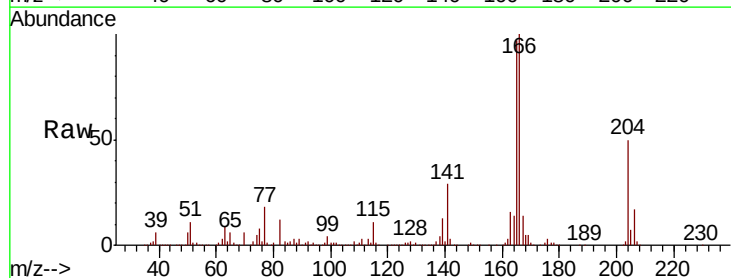


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

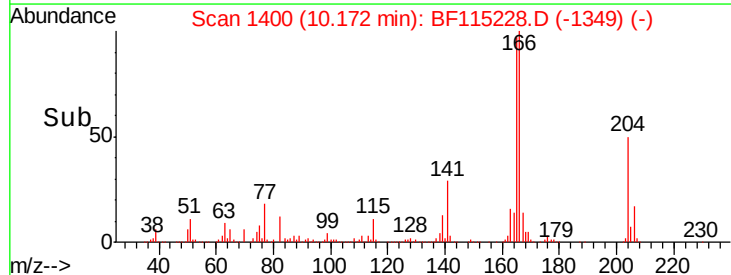
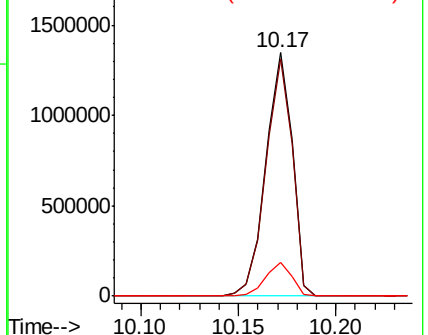


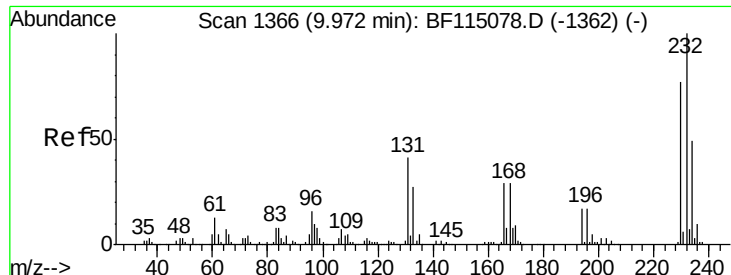
#58
 Fluorene
 Concen: 39.701 ng
 RT: 10.17 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF115228.D
 Acq: 27 Jun 2019 11:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1267459		
165	97.4	77.7	116.5		
167	13.8	11.0	16.4		



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





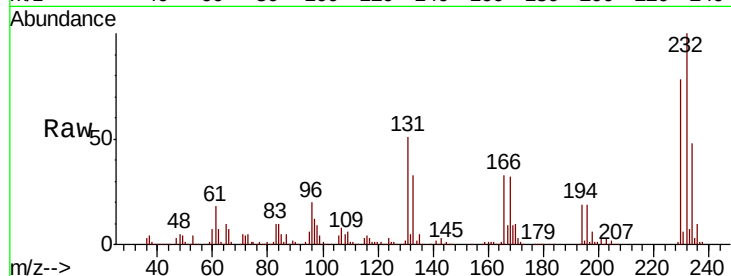
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.397 ng
RT: 9.95 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120942BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	423370		
131	45.6	36.5	54.7	
130	2.2	1.8	2.6	
166	29.6	24.2	36.2	

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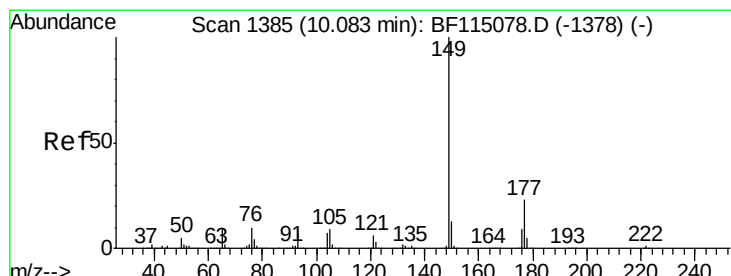
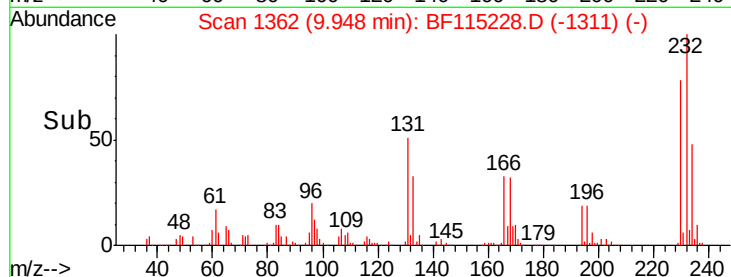
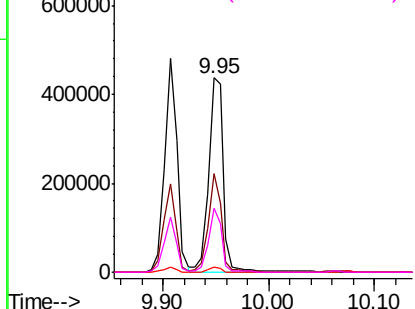
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

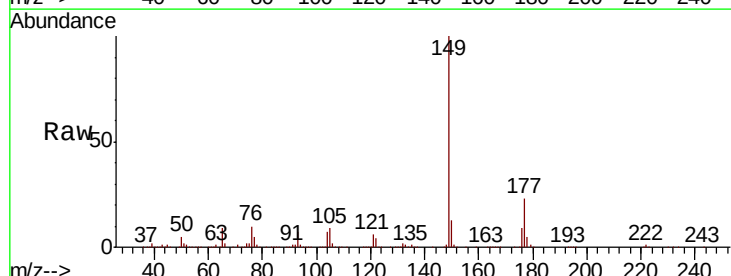
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.176 ng
RT: 10.06 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1500342		
177	22.8	19.0	28.6	
150	13.2	10.3	15.5	

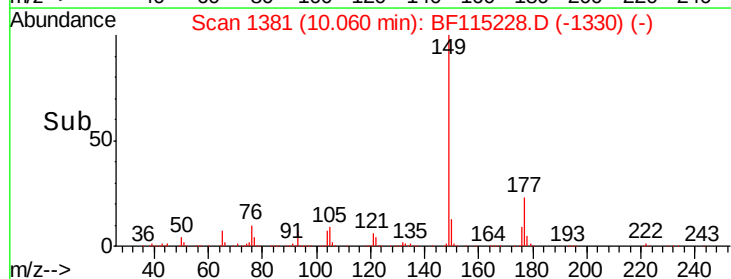
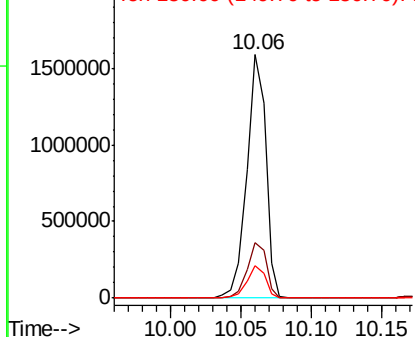


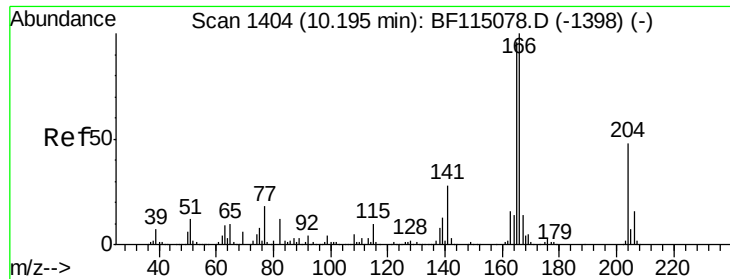
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





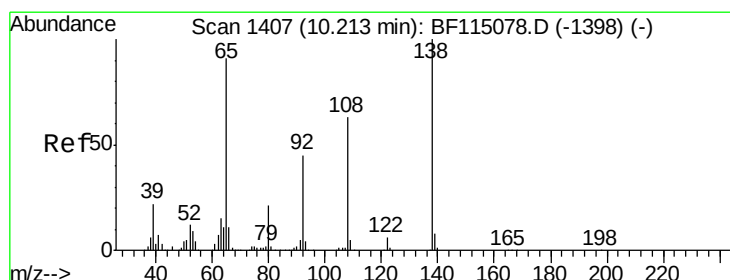
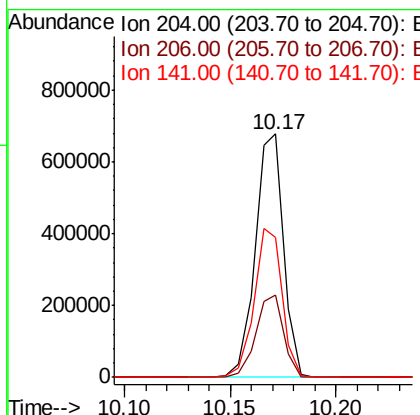
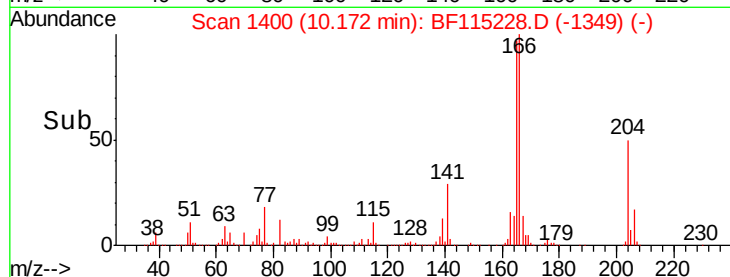
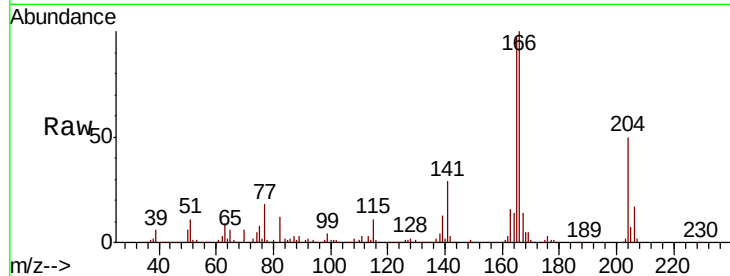
#61
4-Chlorophenyl-phenylether
Concen: 41.884 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Instrument :
BNA_F
ClientSampled :
PB120942BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	25.5	38.3
141	57.6	45.4	68.2

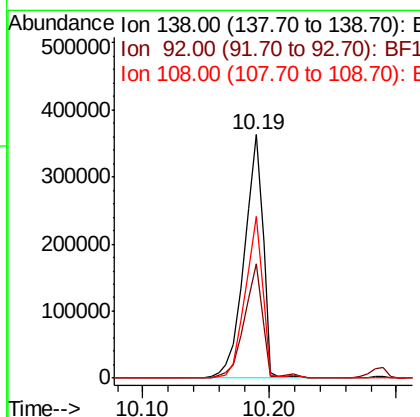
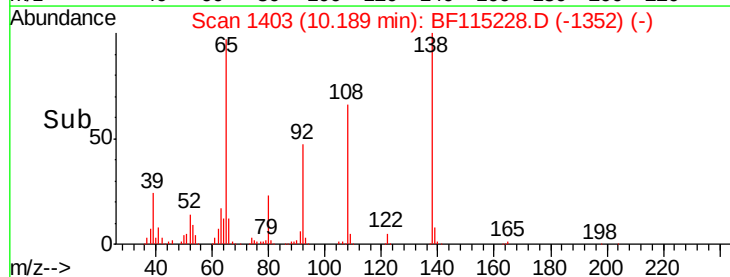
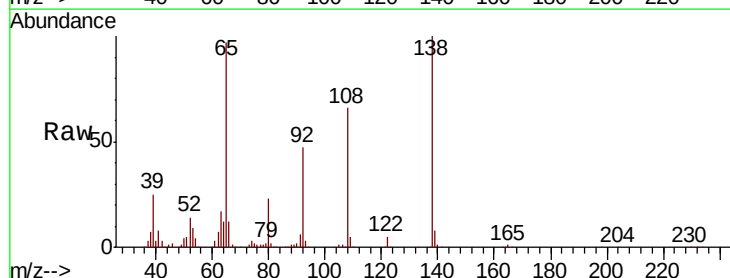
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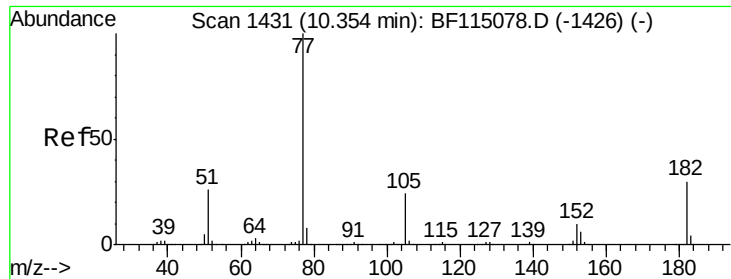
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#62
4-Nitroaniline
Concen: 34.639 ng
RT: 10.19 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.2	22.4	62.4
108	66.2	42.1	82.1





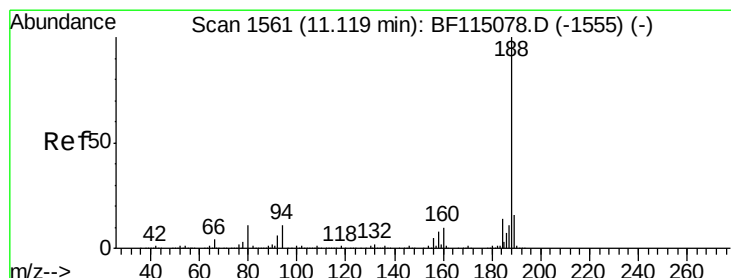
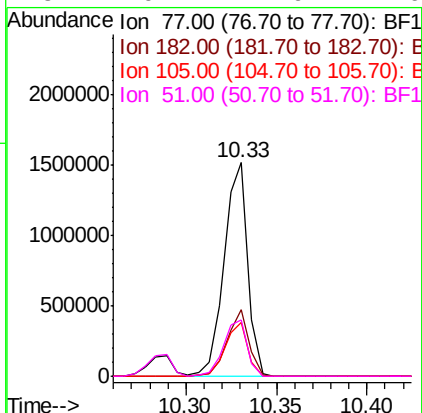
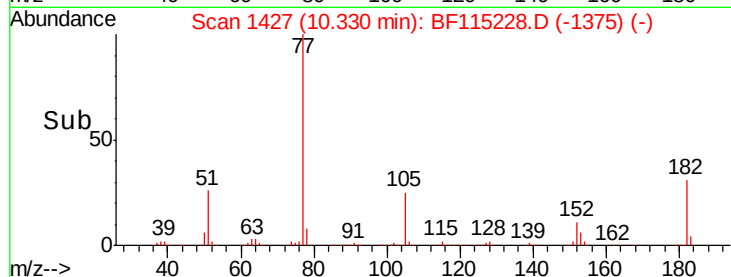
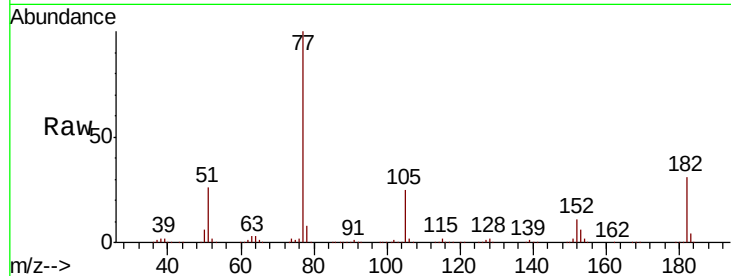
#63
Azobenzene
Concen: 38.044 ng
RT: 10.33 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120942BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.4	6.7	46.7
105	24.9	4.0	44.0
51	26.4	7.6	47.6

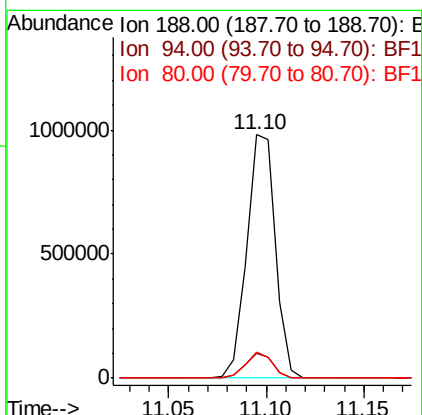
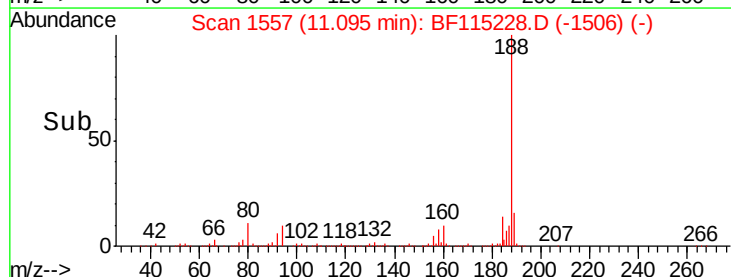
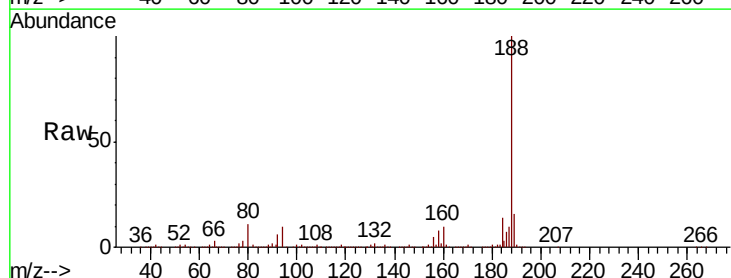
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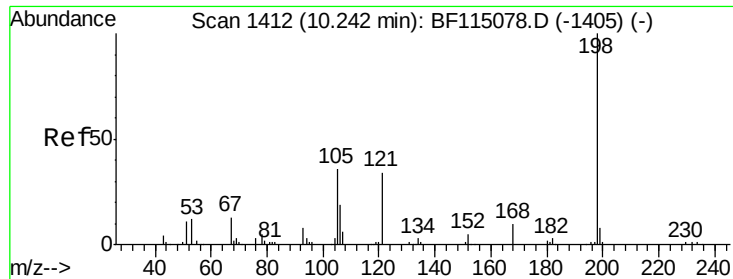
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.1	12.1
80	10.9	8.4	12.6





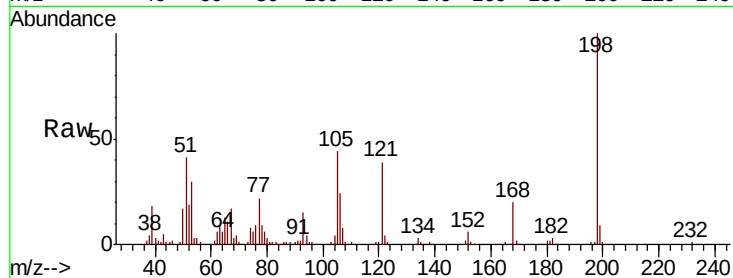
#65
4,6-Dinitro-2-methylphenol
Concen: 47.146 ng
RT: 10.22 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Instrument :
BNA_F
ClientSampled :
PB120942BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	248696		
51	40.6		14.9	54.9
105	44.3		21.2	61.2

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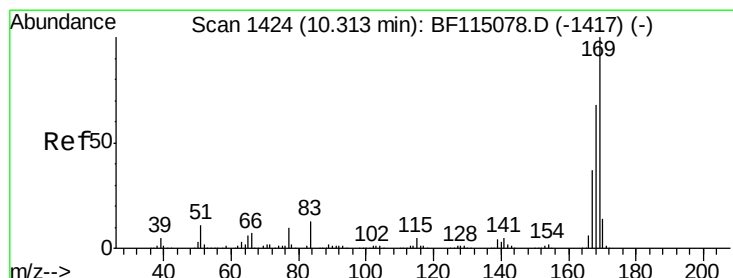
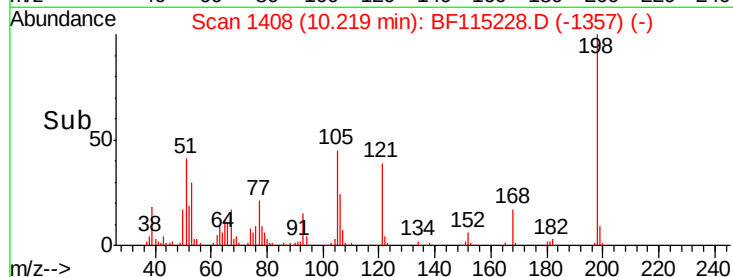
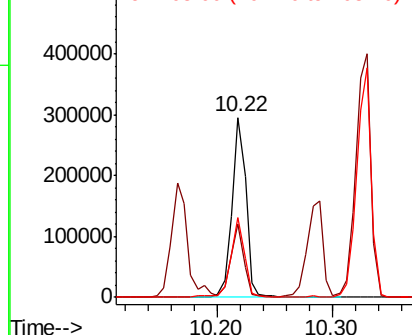


Abundance

Ion 198.00 (197.70 to 198.70): E

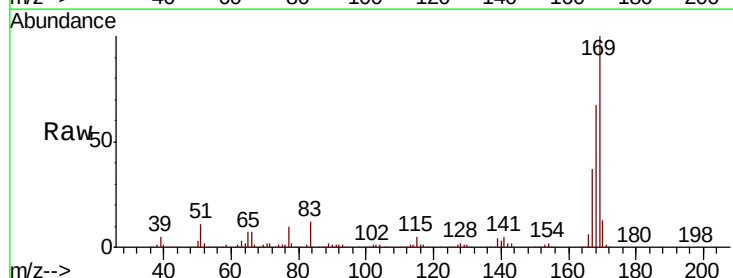
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 40.327 ng
RT: 10.29 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1248153		
168	66.9		53.5	80.3
167	37.0		29.5	44.3

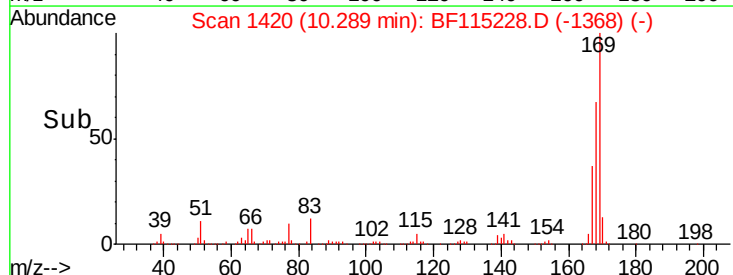
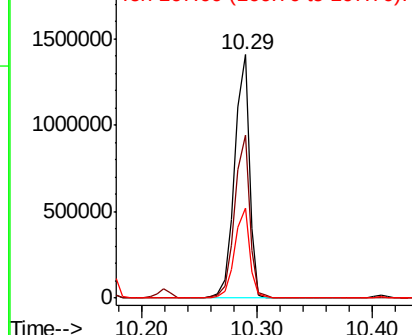


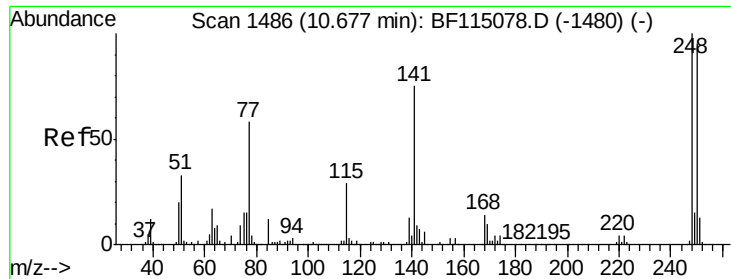
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





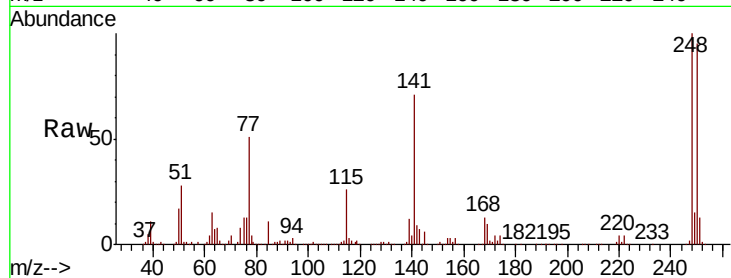
#67
 4-Bromophenyl-phenylether
 Concen: 40.586 ng
 RT: 10.65 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BF115228.D
 Acq: 27 Jun 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BS

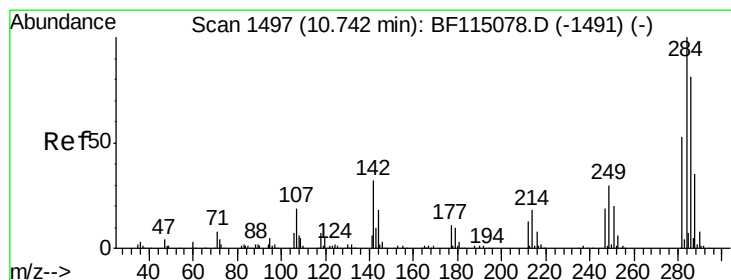
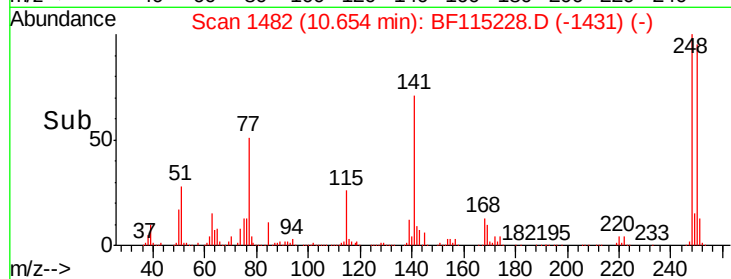
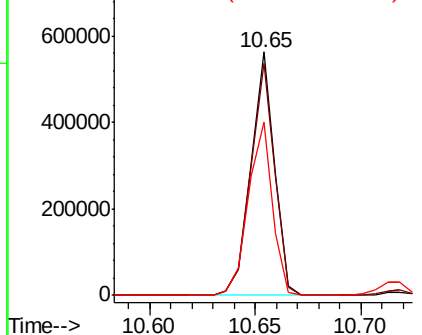
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	77.5	116.3
141	71.2	55.4	83.2

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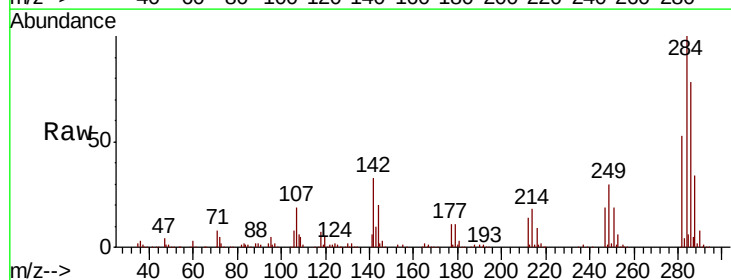


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

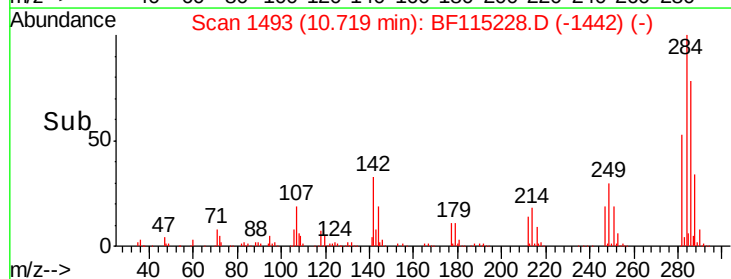
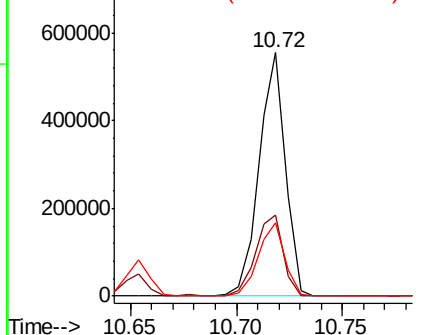


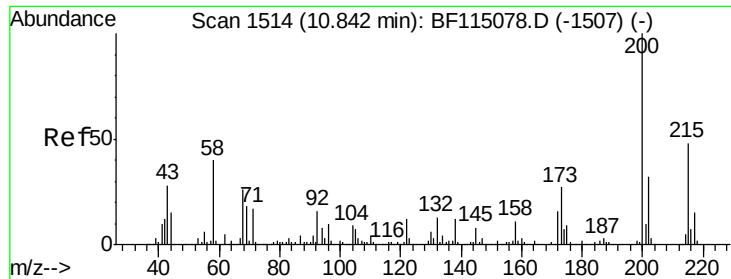
#68
 Hexachlorobenzene
 Concen: 41.102 ng
 RT: 10.72 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF115228.D
 Acq: 27 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	25.0	37.6
249	30.2	24.2	36.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





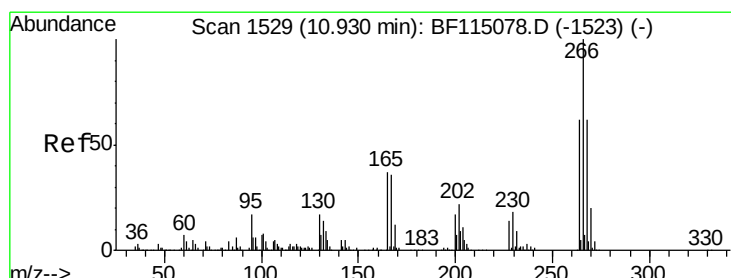
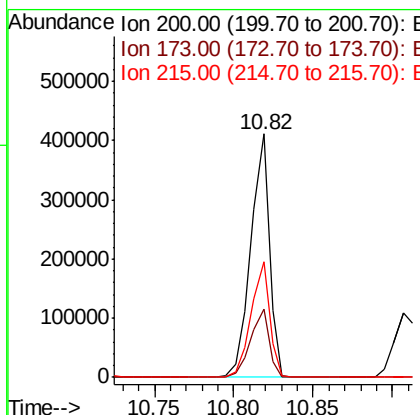
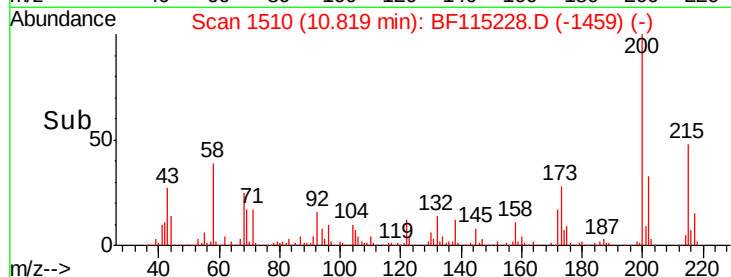
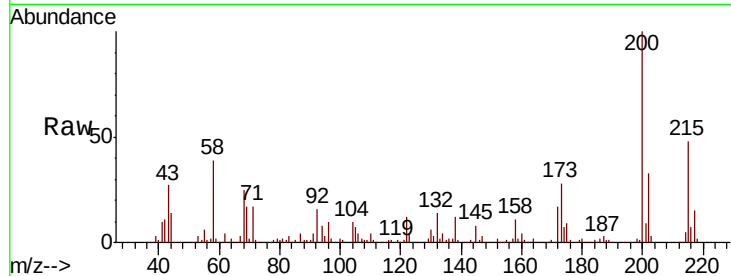
#69
Atrazine
Concen: 33.814 ng
RT: 10.82 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Instrument :
BNA_F
ClientSampled :
PB120942BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	336665		
173	27.8	7.6	47.6	
215	47.5	29.2	69.2	

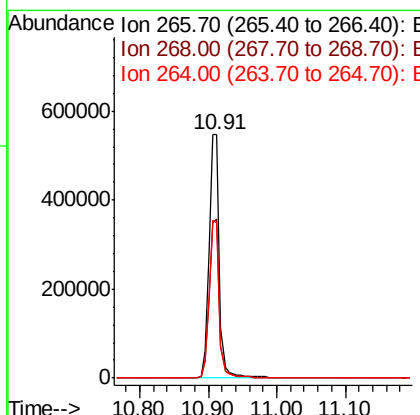
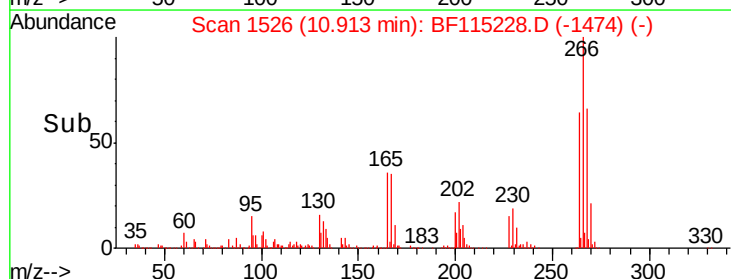
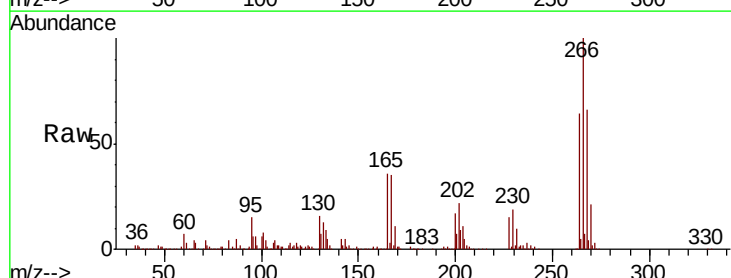
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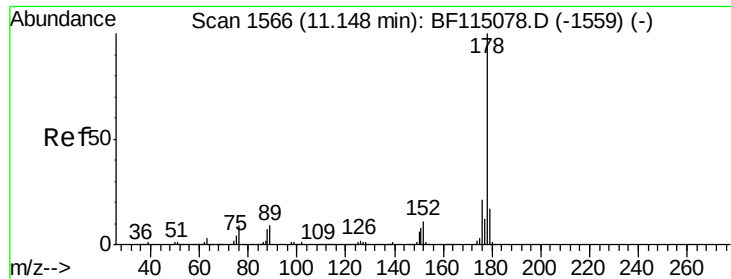
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#70
Pentachlorophenol
Concen: 78.201 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	582463		
268	65.6	52.1	78.1	
264	63.6	49.4	74.2	





#71

Phenanthrene

Concen: 37.626 ng

RT: 11.12 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120942BS

Tot Ion:178 Resp: 2012620

Ion Ratio Lower Upper

178 100

176 21.2 16.9 25.3

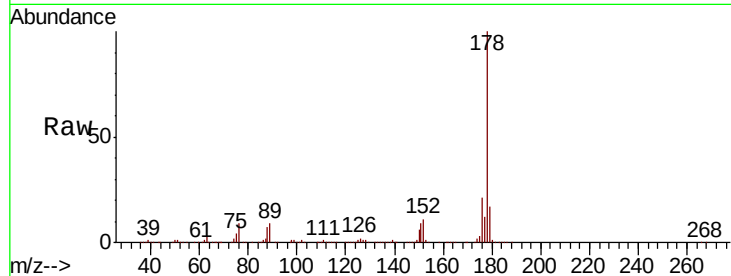
179 16.6 13.0 19.6

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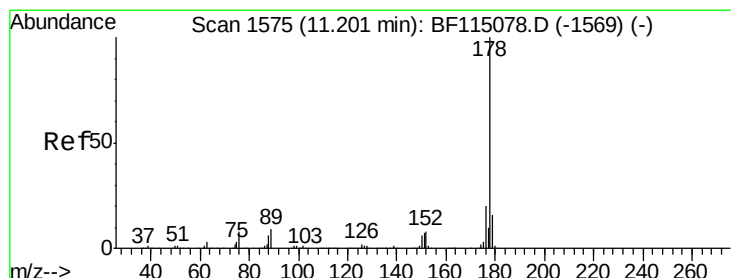
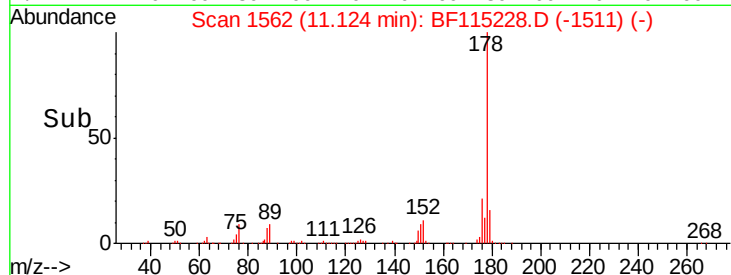
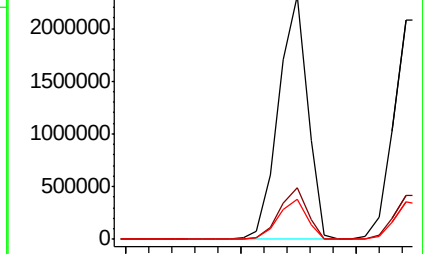
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.193 ng

RT: 11.18 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

Tgt Ion:178 Resp: 2062164

Ion Ratio Lower Upper

178 100

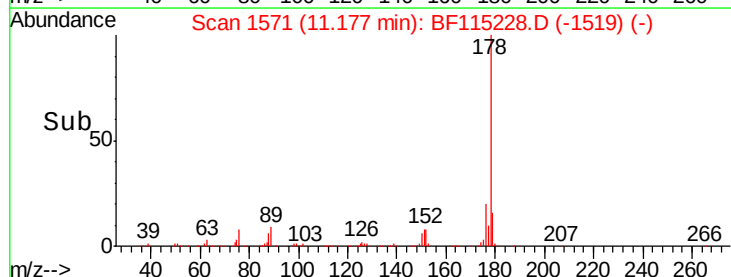
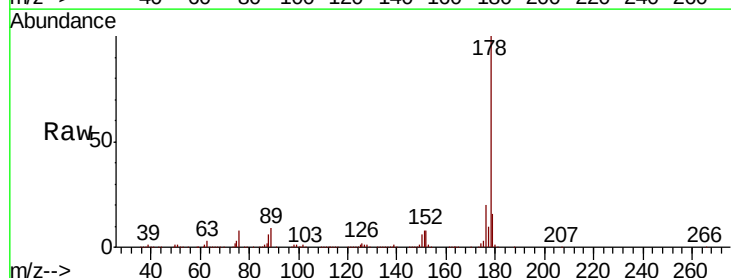
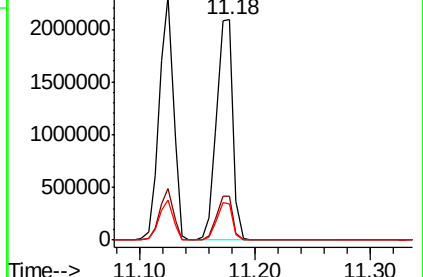
176 20.0 16.1 24.1

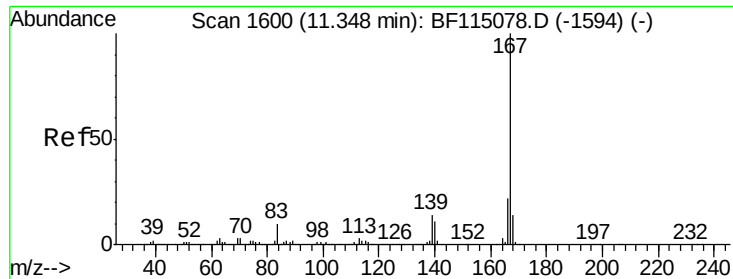
179 16.3 13.4 20.0

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





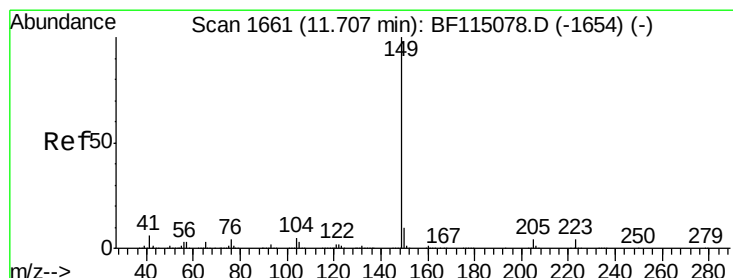
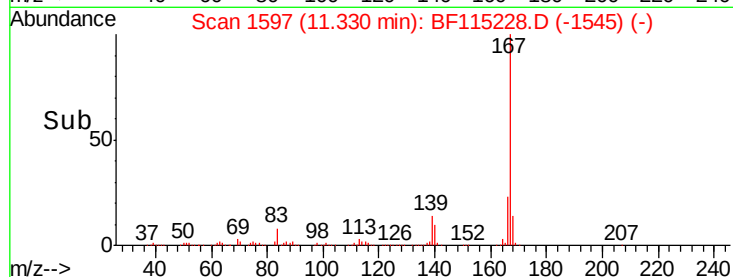
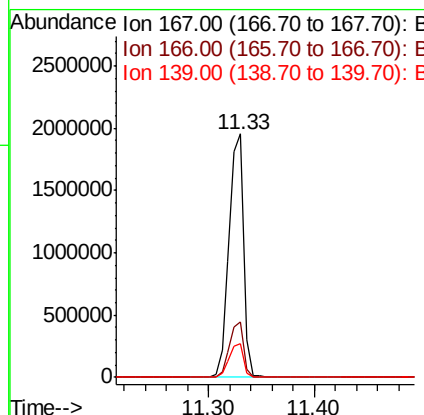
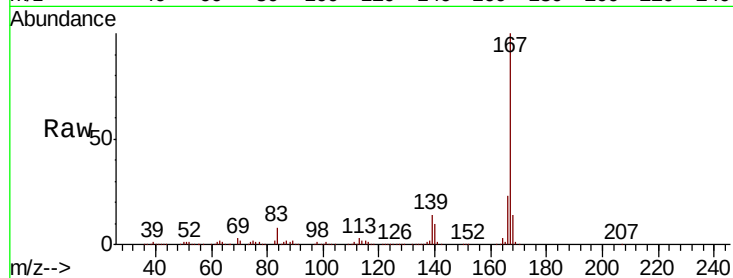
#73
 Carbazole
 Concen: 38.790 ng
 RT: 11.33 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF115228.D
 Acq: 27 Jun 2019 11:06

Instrument :
 BNA_F
 ClientSampled :
 PB120942BS

Tot Ion:167 Resp: 1870252
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 13.7 11.4 17.2

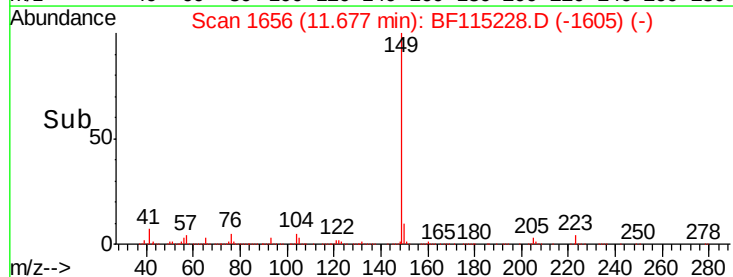
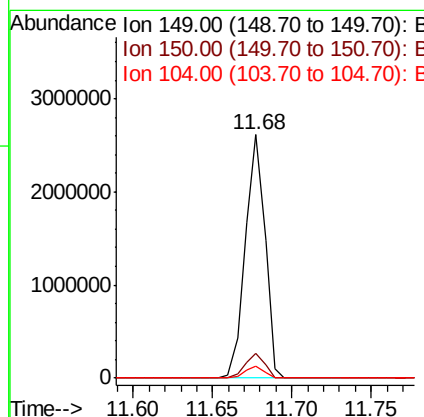
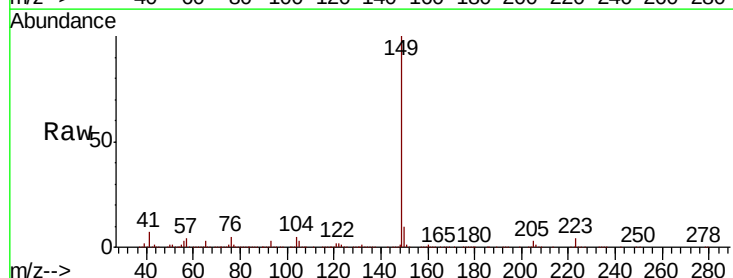
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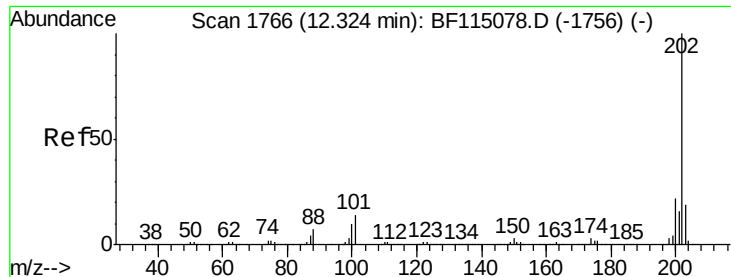
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#74
 Di-n-butylphthalate
 Concen: 40.153 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF115228.D
 Acq: 27 Jun 2019 11:06

Tgt Ion:149 Resp: 2237088
 Ion Ratio Lower Upper
 149 100
 150 10.3 8.2 12.2
 104 5.0 3.8 5.8





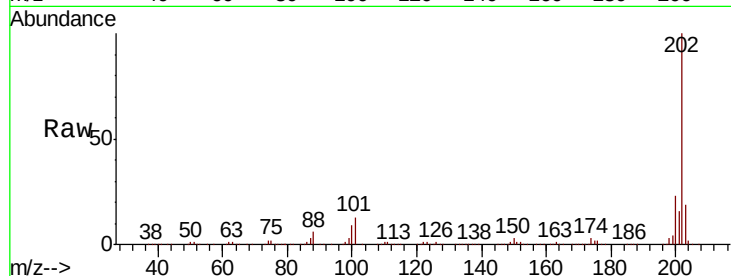
#75
Fluoranthene
Concen: 38.707 ng
RT: 12.30 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120942BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	32.6
203	18.7	0.0	38.9

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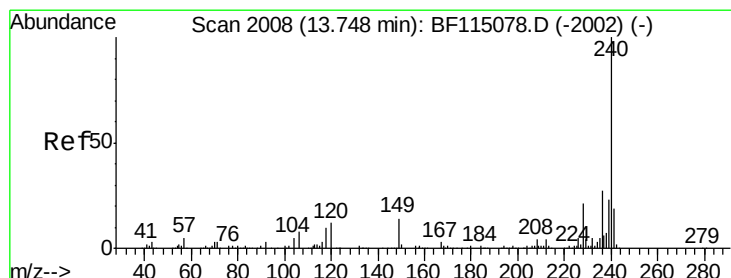
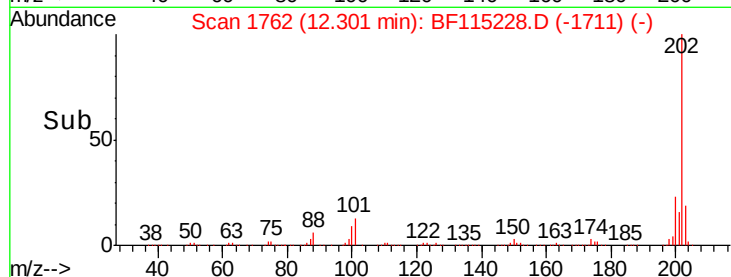
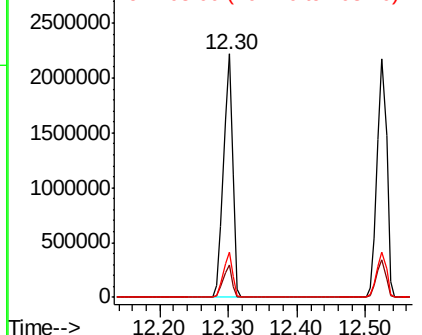


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

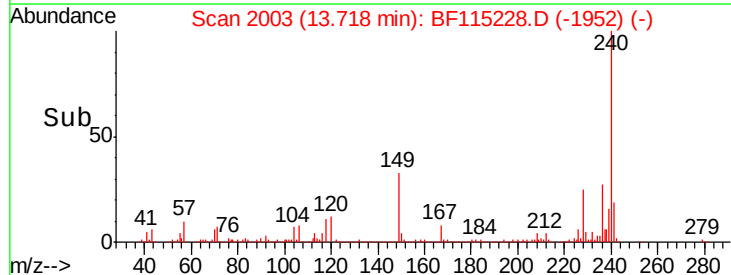
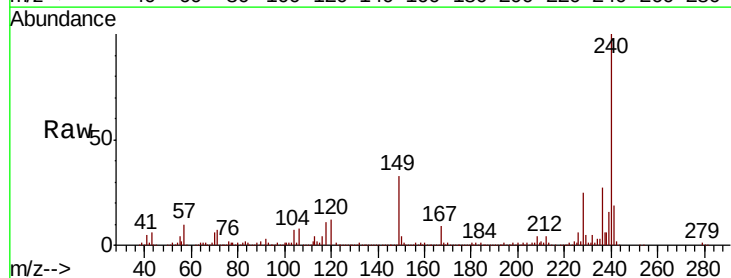
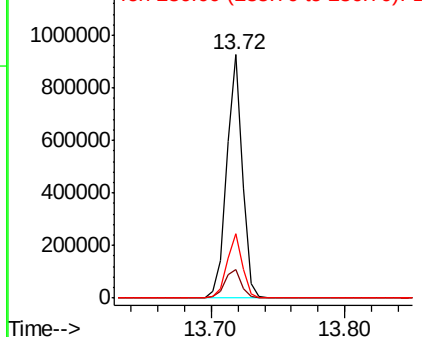
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.3	13.9
236	26.7	21.5	32.3

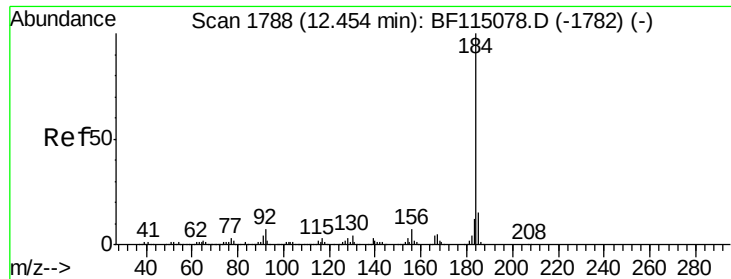
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.114 ng

RT: 12.42 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120942BS

Tot Ion:184 Resp: 480743

Ion Ratio Lower Upper

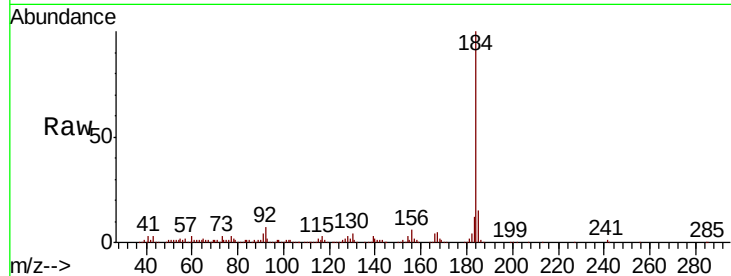
184 100

185 15.3 13.0 19.6

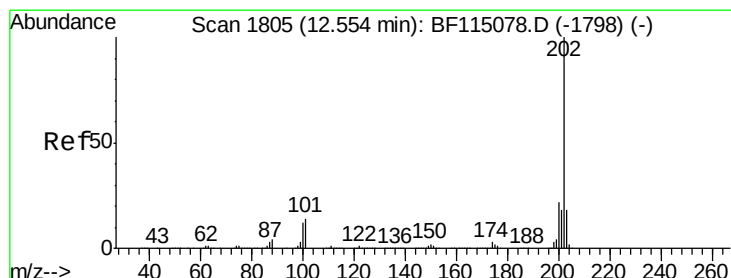
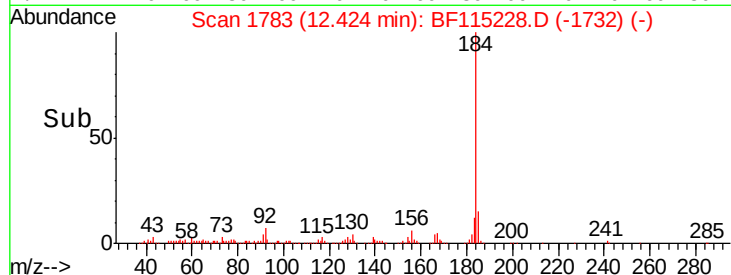
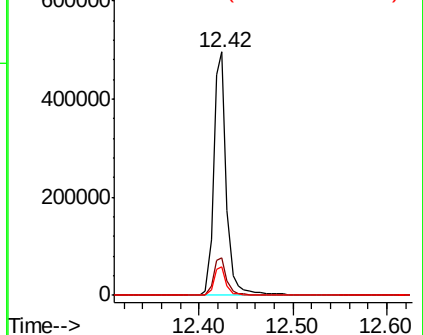
183 11.5 9.4 14.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.323 ng

RT: 12.52 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

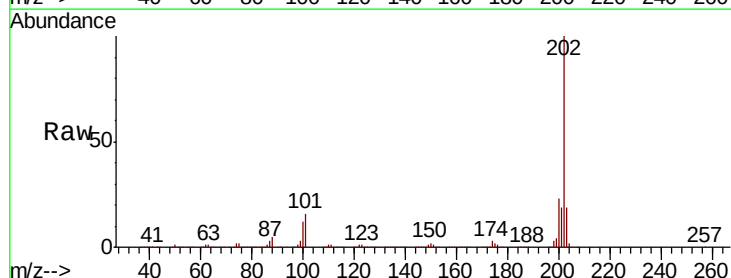
Tgt Ion:202 Resp: 2082365

Ion Ratio Lower Upper

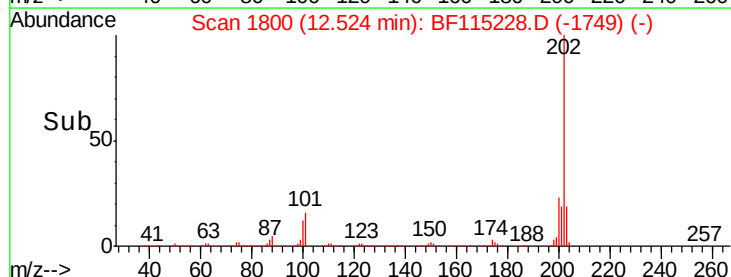
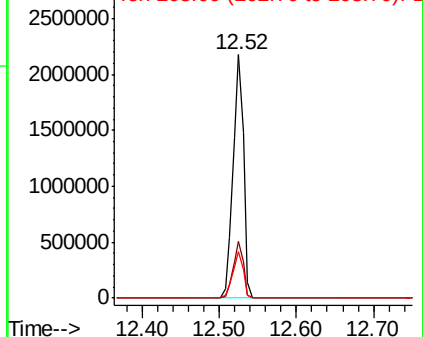
202 100

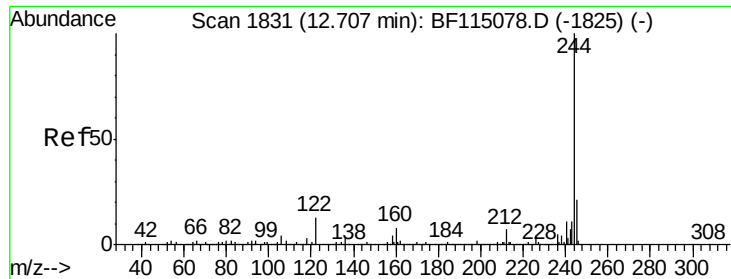
200 23.4 18.2 27.2

203 19.0 15.0 22.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





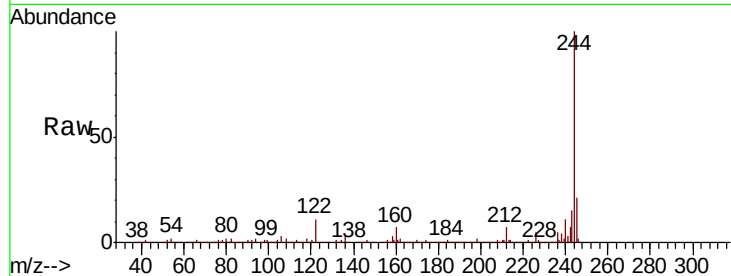
#79
 Terphenyl-d14
 Concen: 68.687 ng
 RT: 12.68 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF115228.D
 Acq: 27 Jun 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	10.7	8.7	13.1

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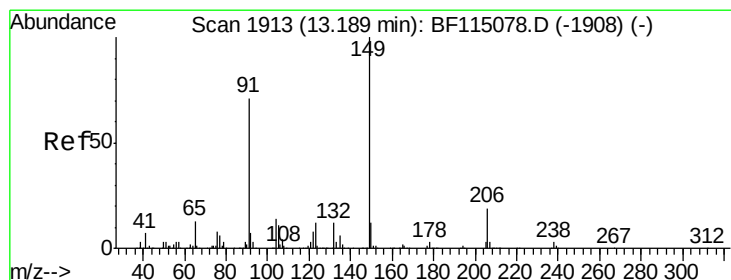
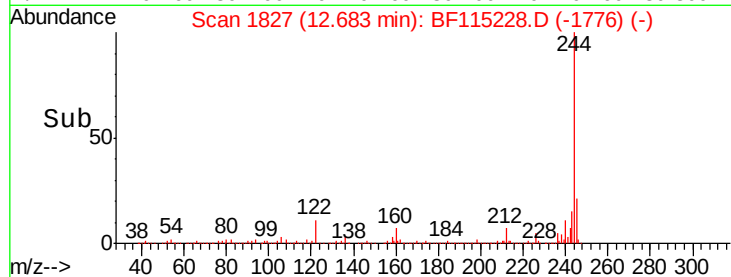
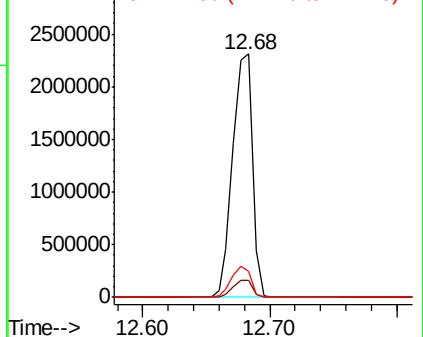


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 38.090 ng
 RT: 13.16 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: BF115228.D
 Acq: 27 Jun 2019 11:06

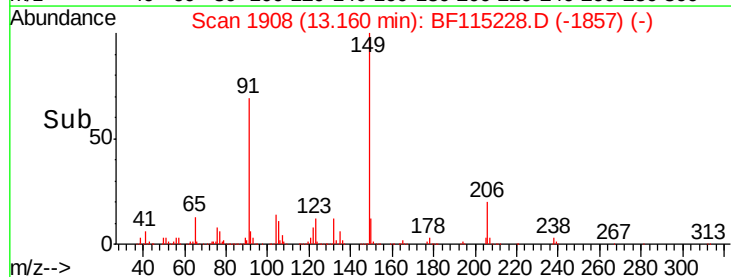
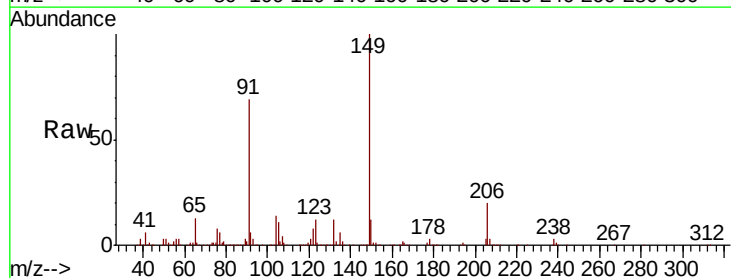
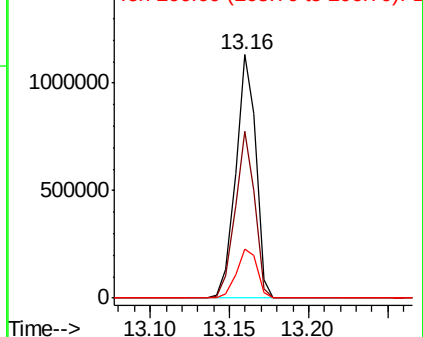
Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.8	54.8	82.2
206	20.0	16.2	24.2

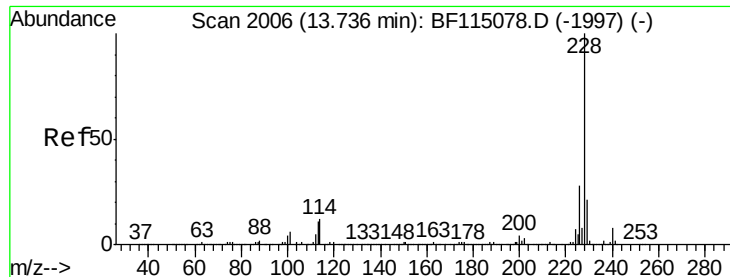
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.328 ng

RT: 13.71 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120942BS

Tot Ion:228 Resp: 1889496

Ion Ratio Lower Upper

228 100

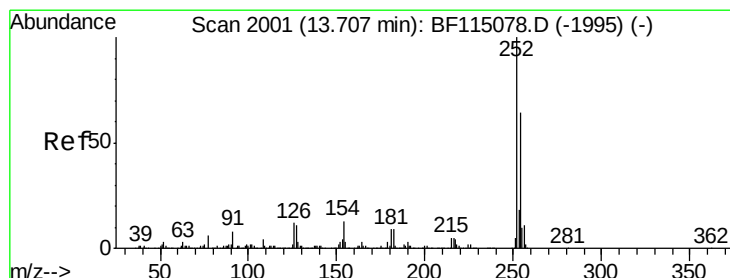
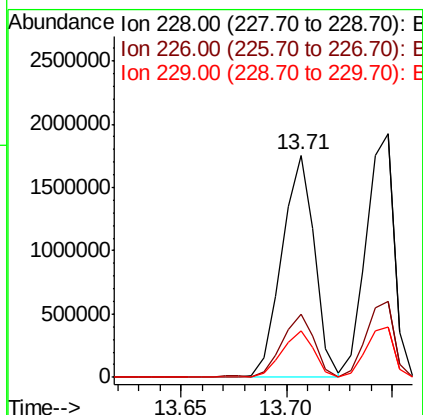
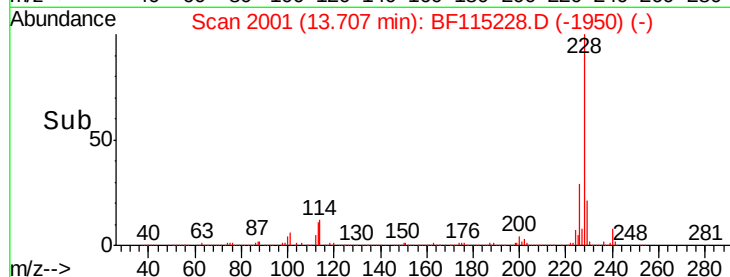
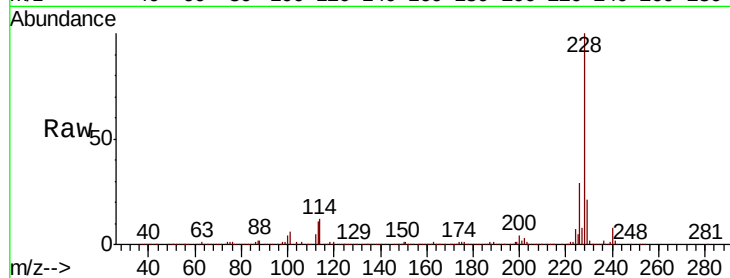
226 28.5 22.6 33.8

229 20.7 16.7 25.1

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#82

3,3'-Dichlorobenzidine

Concen: 30.840 ng

RT: 13.68 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF115228.D

Acq: 27 Jun 2019 11:06

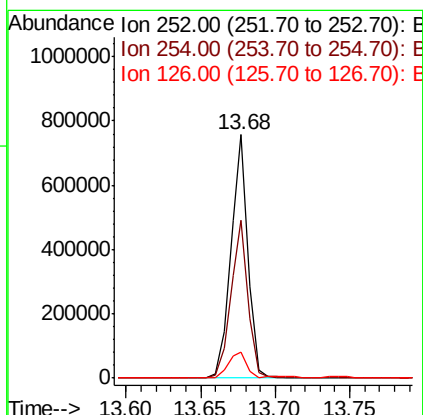
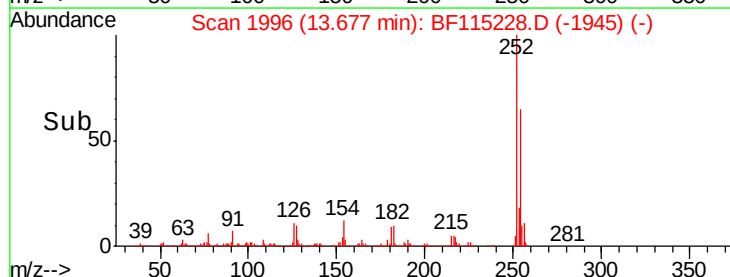
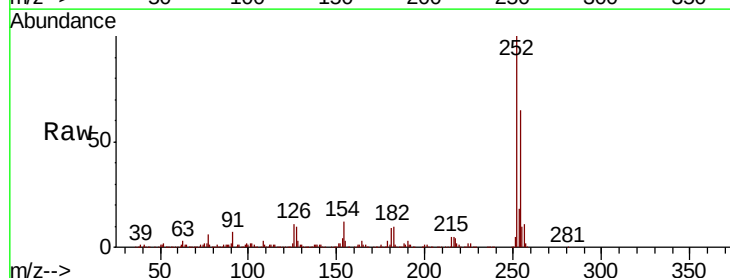
Tgt Ion:252 Resp: 613000

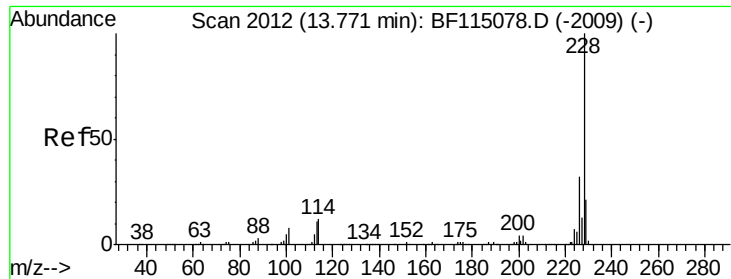
Ion Ratio Lower Upper

252 100

254 64.8 52.7 79.1

126 10.8 9.4 14.0





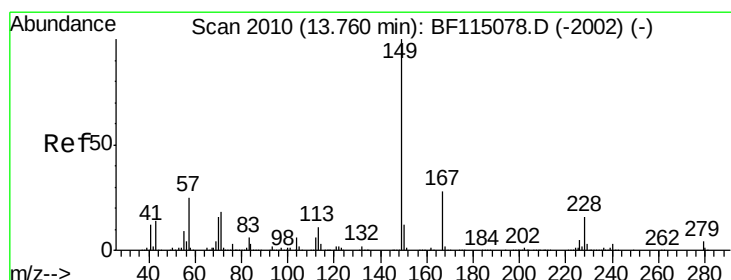
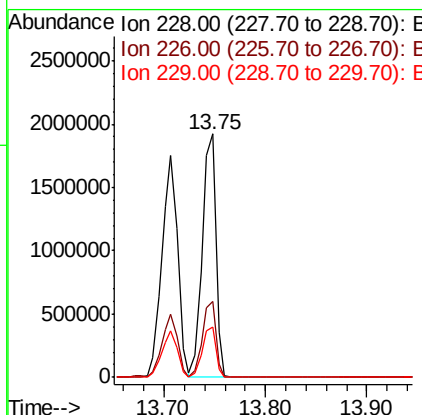
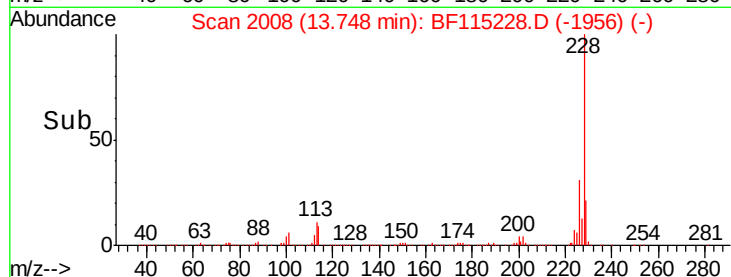
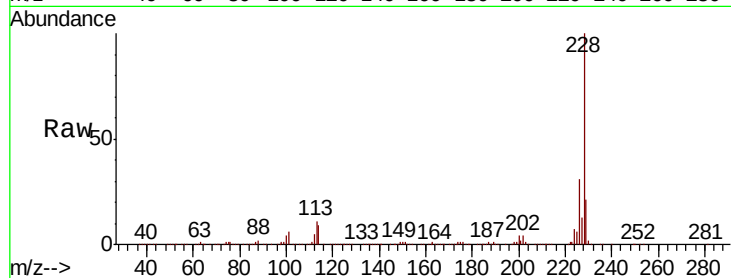
#83
 Chrysene
 Concen: 35.594 ng
 RT: 13.75 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BF115228.D
 Acq: 27 Jun 2019 11:06

Instrument :
 BNA_F
 ClientSampled :
 PB120942BS

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	31.4	25.2	37.8	
229	20.7	16.5	24.7	

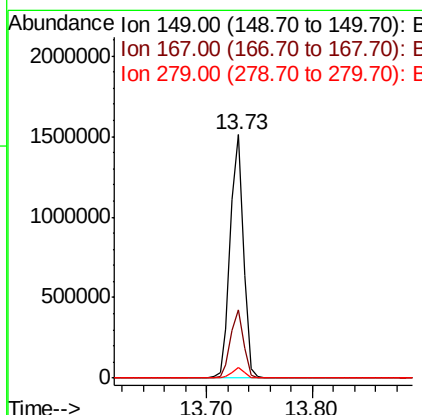
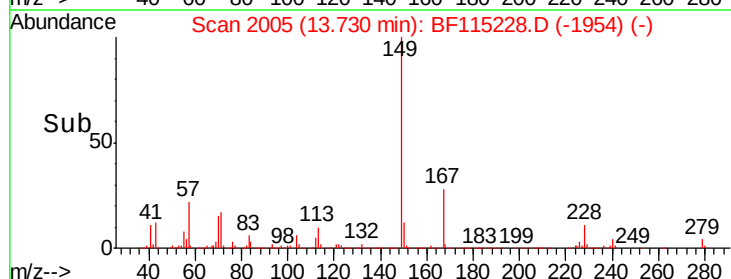
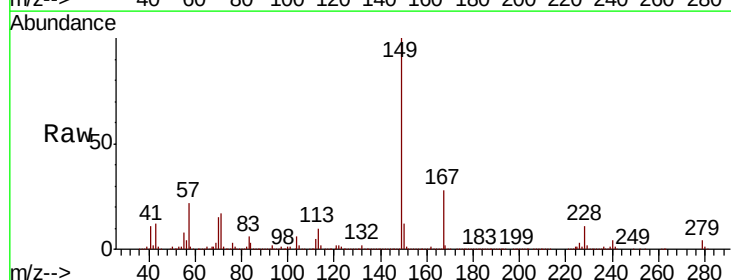
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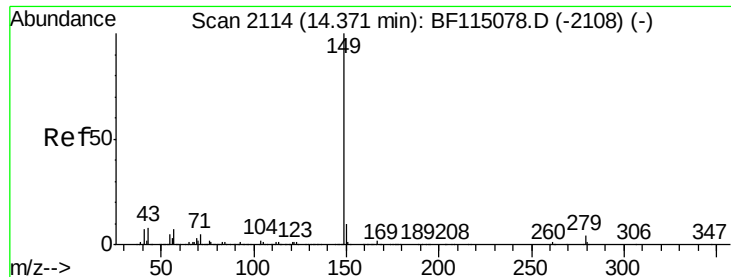
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.128 ng
 RT: 13.73 min Scan# 2005
 Delta R.T. 0.00 min
 Lab File: BF115228.D
 Acq: 27 Jun 2019 11:06

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	28.0	23.0	34.4	
279	4.4	3.5	5.3	





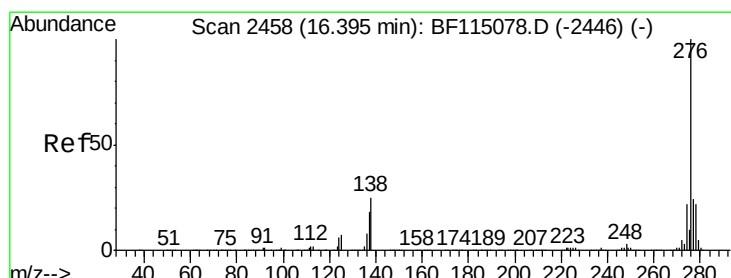
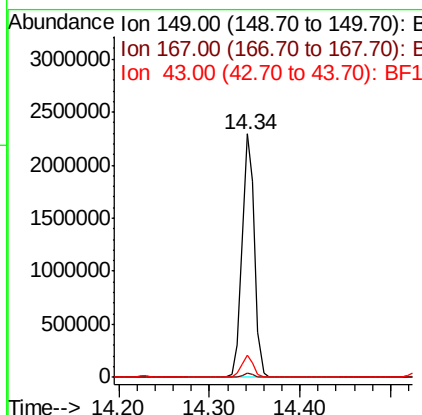
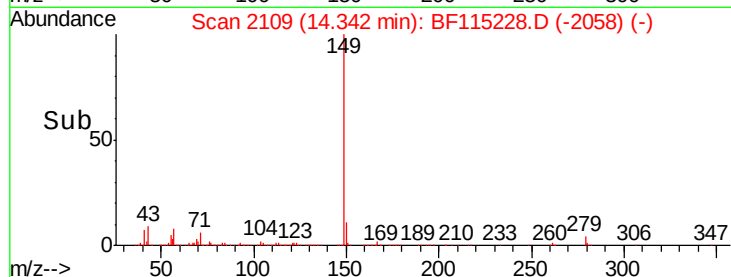
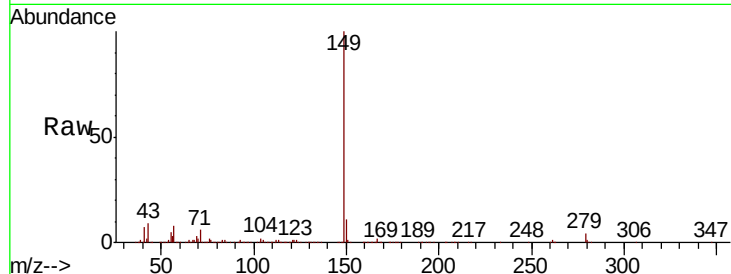
#85
Di-n-octyl phthalate
Concen: 38.725 ng
RT: 14.34 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120942BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.5	6.9	10.3

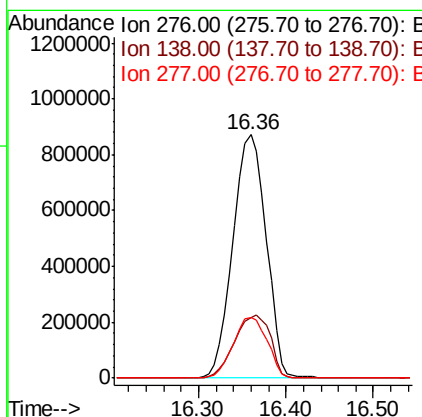
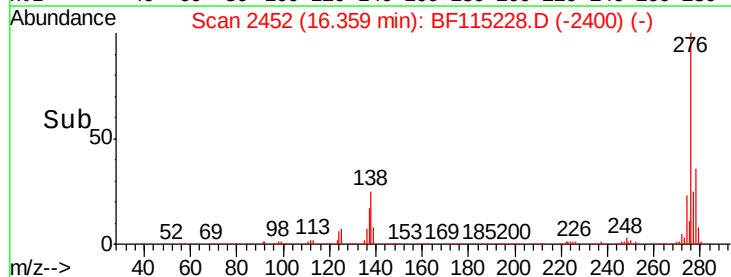
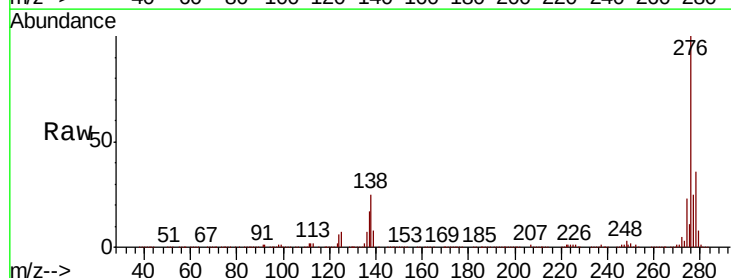
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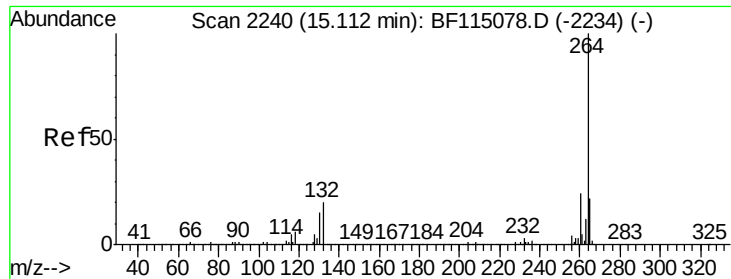
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.674 ng
RT: 16.36 min Scan# 2452
Delta R.T. 0.01 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	22.4	33.6
277	25.7	20.2	30.4





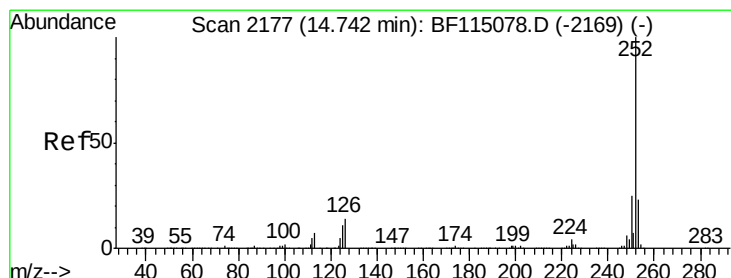
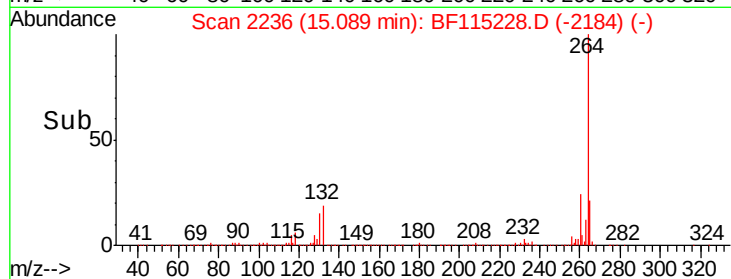
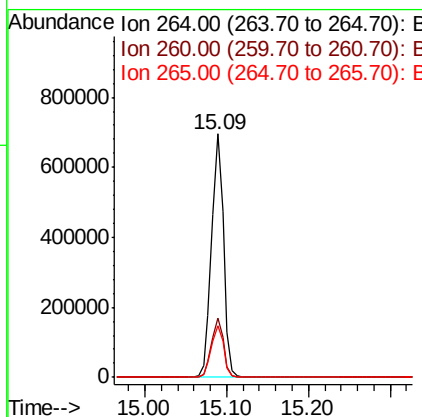
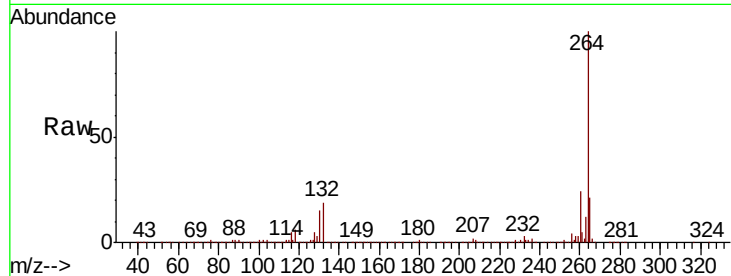
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120942BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.1	28.7
265	21.2	17.1	25.7

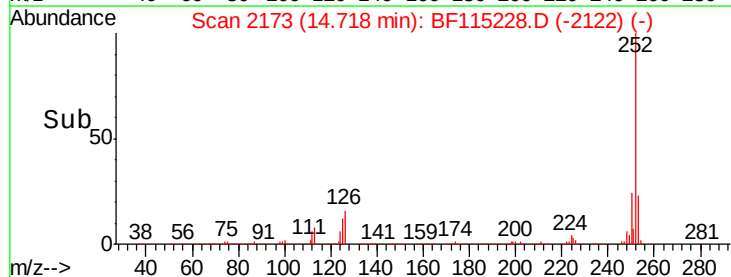
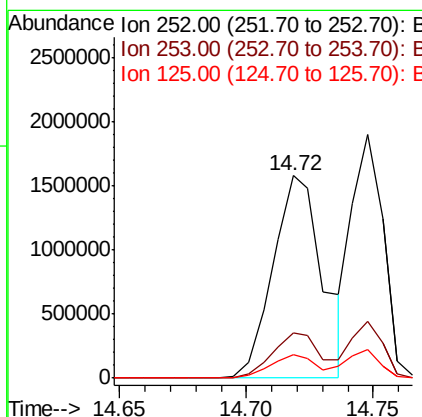
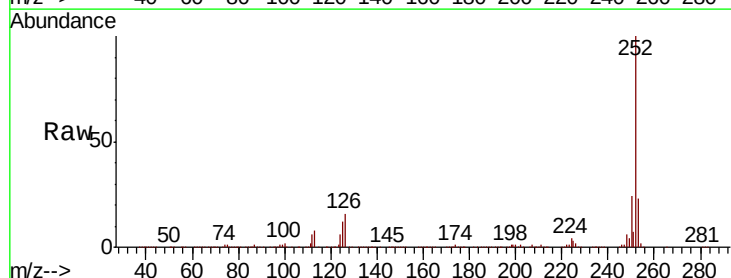
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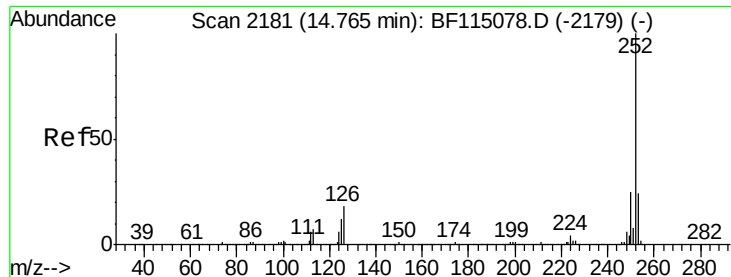
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#88
Benzo(b)fluoranthene
Concen: 48.810 ng
RT: 14.72 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	11.9	8.6	12.8





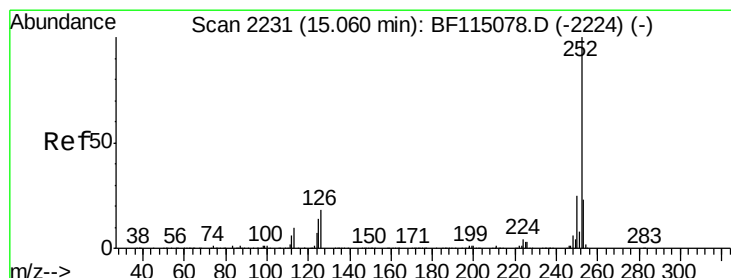
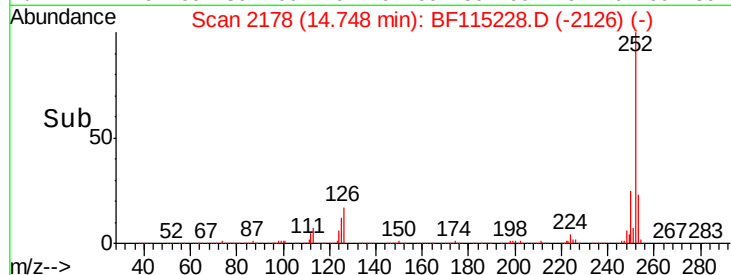
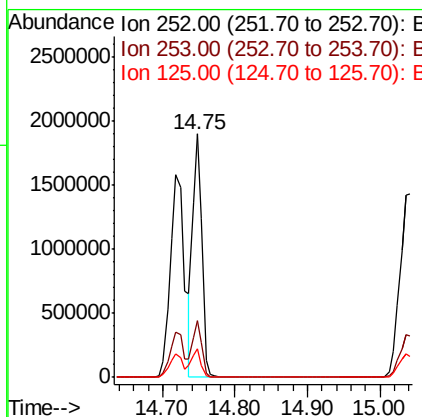
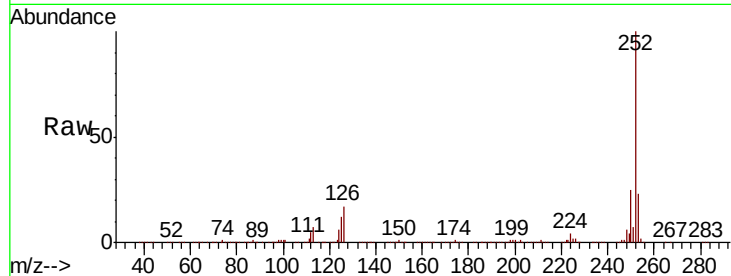
#89
Benzo(k)fluoranthene
Concen: 41.855 ng
RT: 14.75 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120942BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	11.8	9.4	14.2

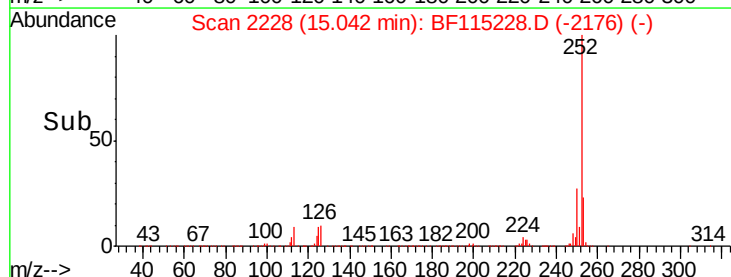
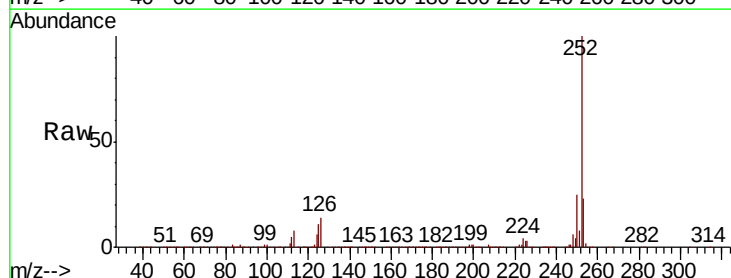
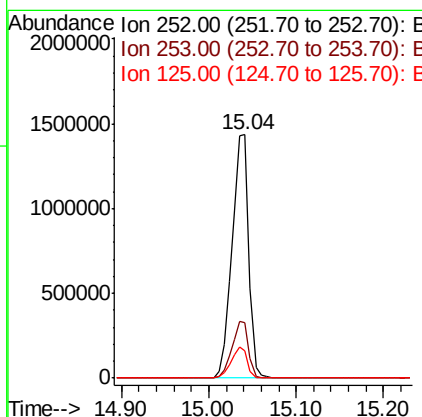
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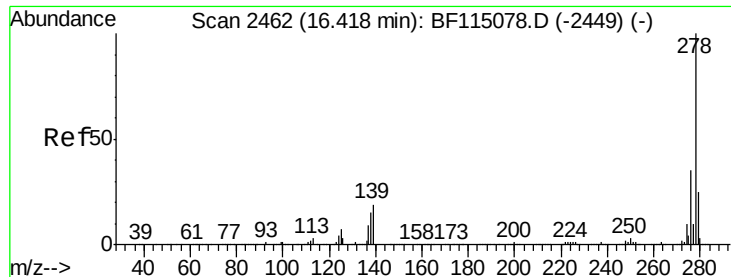
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#90
Benzo(a)pyrene
Concen: 46.891 ng
RT: 15.04 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	11.2	9.4	14.0





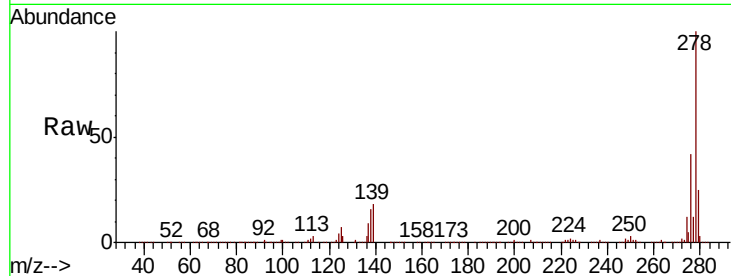
#91
Dibenzo(a,h)anthracene
Concen: 49.718 ng
RT: 16.38 min Scan# 2455
Delta R.T. 0.01 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120942BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.5	15.4	23.0
279	24.8	19.6	29.4

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mohammad
6/28/2019 2:58:08 PM

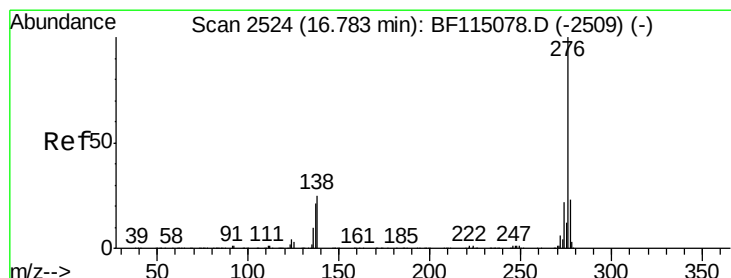
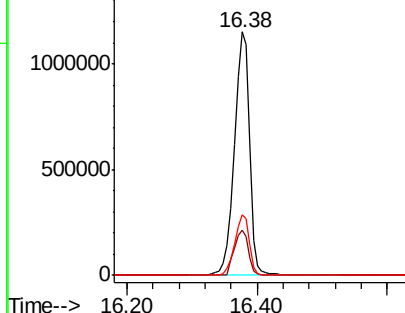
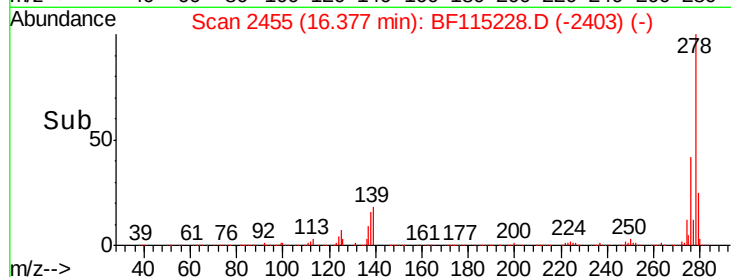


Abundance

Ion 278.00 (277.70 to 278.70): E

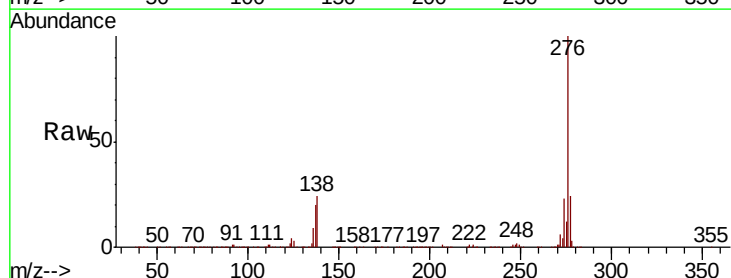
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.772 ng
RT: 16.74 min Scan# 2517
Delta R.T. 0.01 min
Lab File: BF115228.D
Acq: 27 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.0
138	23.6	18.8	28.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

